

85-1097 - 14621
11/86

NTS 92J/15
Lat. 50°46'
Long. 122°45'

GEOCHEMICAL ASSESSMENT REPORT
ON THE
HOLLAND CLAIM GROUP

Bralorne Area, British Columbia
Lillooet Mining Division

Owner and Operator
Unicorn Resources Ltd.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,621

FILMED

Written by
Peter D. Leriche, Geologist
ASHWORTH EXPLORATIONS LIMITED

submitted
December 16, 1985

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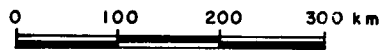
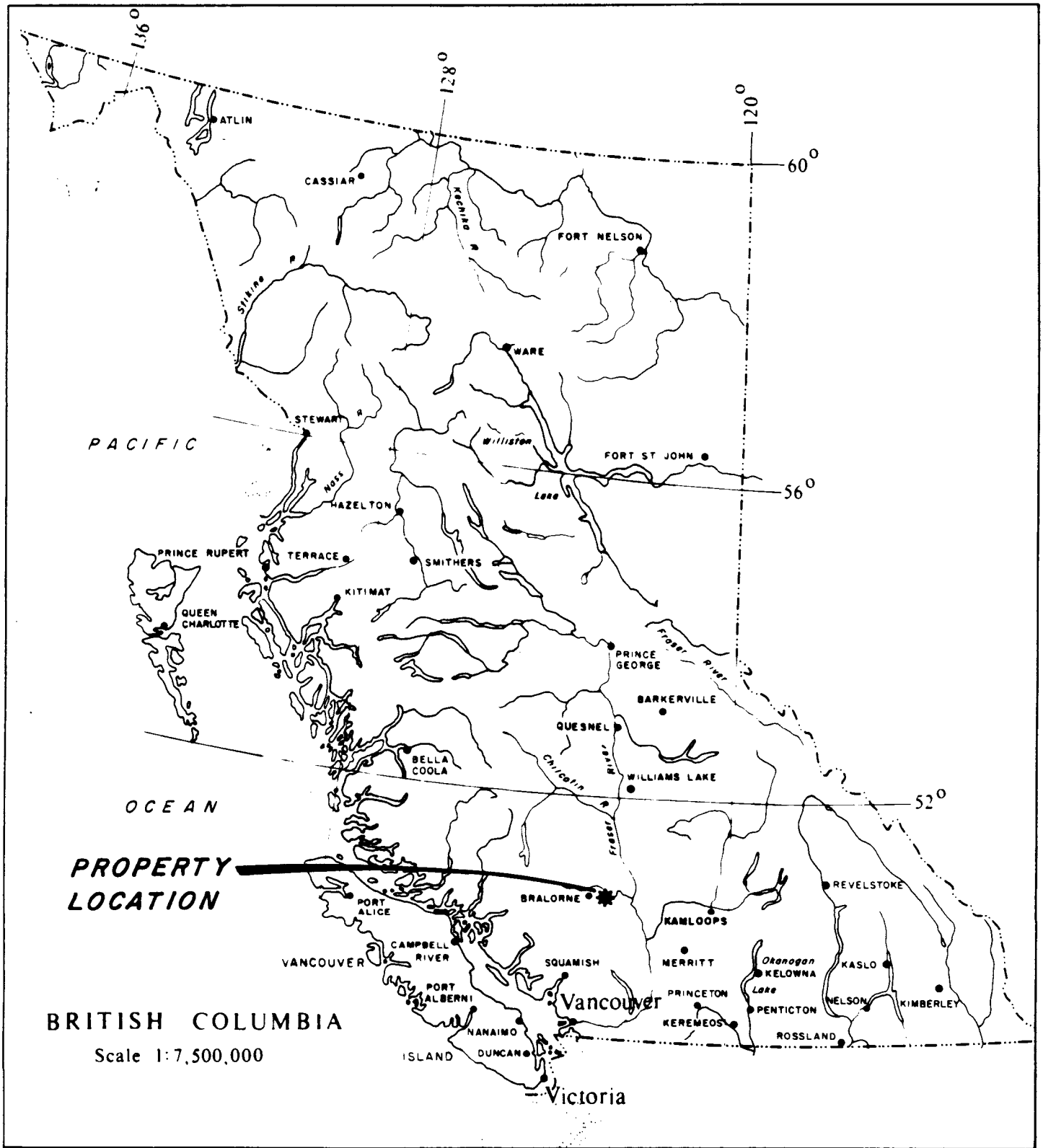
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UNICORN RESOURCES LTD.

GENERAL LOCATION MAP
HOLLAND CLAIM GROUP

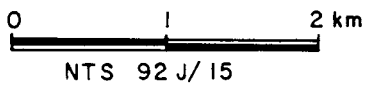
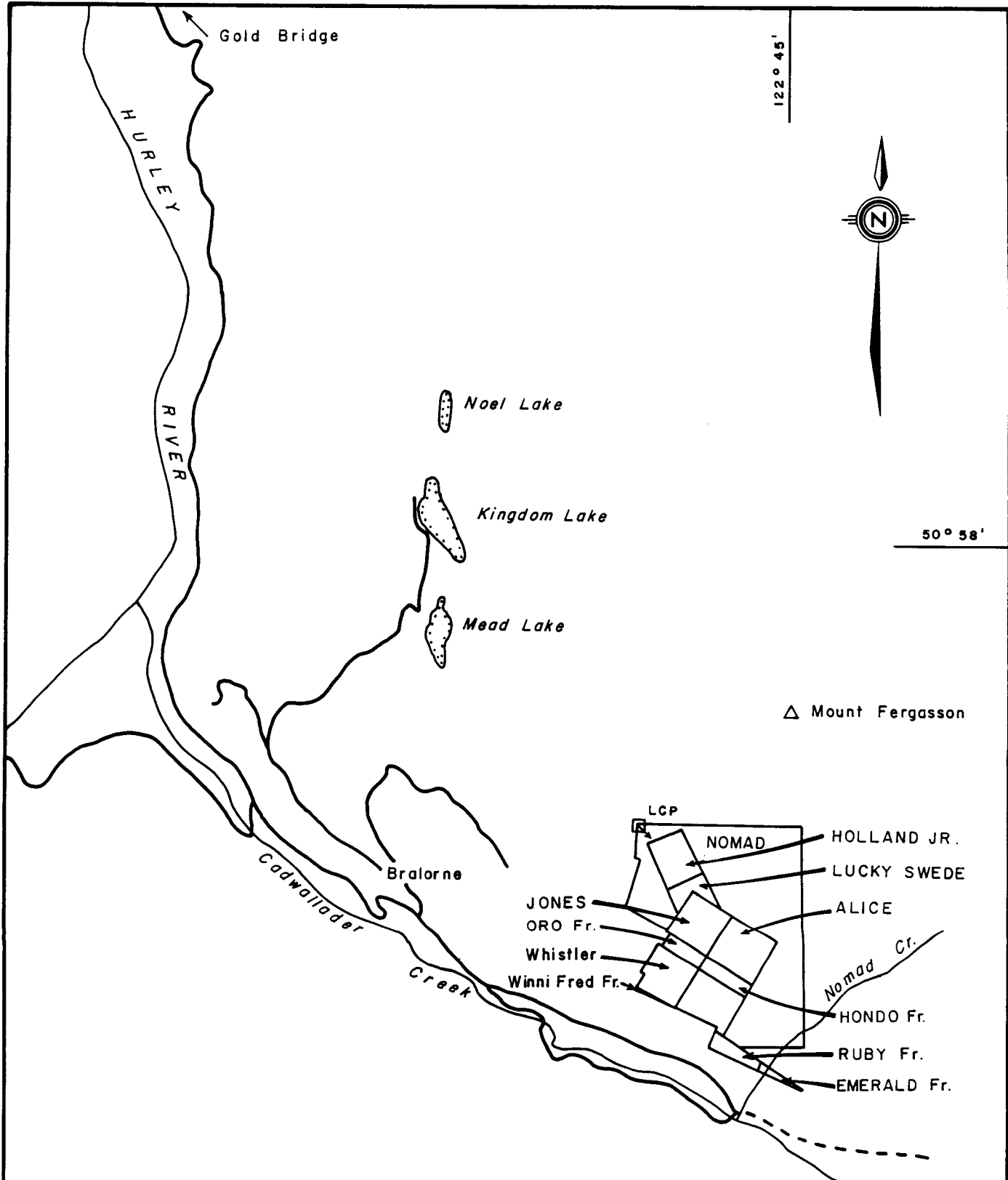
Scale: 1 : 7 500 000

By:

Date: JANUARY 1986.

Figure 1

Ashworth Explorations Ltd.



NTS 92 J/15

UNICORN RESOURCES LTD.	
CLAIM LOCATION MAP	
HOLLAND CLAIM GROUP	
Scale: 1: 50 000	By:
Date: JANUARY, 1986.	Figure 2
Ashworth Explorations Ltd.	

1. INTRODUCTION

This report summarizes geochemical work done on the Holland Claim Group from November 3, 1985 to November 5, 1985. Ashworth Explorations Limited was retained by Unicorn Resources Ltd. to perform geochemical assessment and prepare a report.

2. LOCATION AND ACCESS

The property is located 180 km north northeast of Vancouver, or 3.5 km southeast of the town of Bralorne (see Fig. 1). It is within map sheet 92J/15 in the Lillooet Mining Division.

Access is by an all weather dirt road which passes through the towns of Goldbridge and Bralorne.

3. PHYSIOGRAPHY

The claims are situated on the southern flank of the Bendor Range, just south of Mount Fergusson. Drainage is south into Cadwallader Creek which flows west into the Hurley River. Elevations vary from 2084 meters to 1402 meters giving a total relief of 682 meters. Slopes vary from moderate to steep. Locally there are cliffs but these do not present an insurmountable obstacle.

4. HISTORY

Placer mining in the Bridge River area dates back to mid 1800's. Hardrock discoveries were initially staked on Cadwallader Creek in 1896, which lead to a flurry of activity resulting in most other showings in the area being staked.

The Pioneer Mine went into production in 1928 followed by the Bralorne Mine in 1932. The Pioneer ceased production in 1962 and Bralorne in 1971. Total combined production was 7,950,931 tons which produced 4,154,119 ounces of gold and 950,510 ounces of silver (Bacon, 1975).

The Holland claim received attention during the 1930's and early 40's. Some surface work was done followed by adits being driven on the Holland vein and Riel vein (now the Nomad claim). A hole was drilled in 1939 in the vicinity of the Holland adit followed by 70 meters of drifting. Results from this work were not encouraging enough to continue.

No known work had been done until the claims were optioned to Texacana Resources Ltd. (now Unicorn Resources Ltd.) from Tarbo Resources Ltd. in 1981. Sawyer Consultants Inc. performed three days of geological prospecting in 1981. Results from the program were also discouraging.

5. GEOLOGY

The Holland Claim Group is underlain by the Permian(?) Fergusson Series consisting of basalt, andesite, tuff breccia, argillite, phyllite, limestone, serpentine and serpentized peridotite. Intrusive rocks are prevalent in the area with the Bendor Pluton (granodiorite) to the west and a soda granite 1 km to the west which intrudes the productive augite/diorite of the Bralorne camp. Several augite/diorite outcrops have been mapped on the claims (Sawyer 1981).

The Cadwallader fault zone which runs down Cadwallader Creek provides a conduit for hydrothermal events and deposition of gold. This hydrothermal activity is thought to be related to the Bendor Batholith to the east.

The Holland vein trends east-west and varies in width up to 1 meter wide. Cairnes (1935) reported the vein being traced for about 30 feet (9 meters) and assaying 0.15 oz/ton gold across 2 feet (0.6 meters). The vein consists of quartz infilled shears within pyritized wallrock.

The favourable local geology combined with the active history of the area make the Holland Claim Group an attractive prospect.

6. PROPERTY STATUS

The Holland Claim Group is wholly owned and operated by Unicorn Resources Ltd. It consists of one mineral claim (Nomad) and eleven Reverted Crown Grants described as follows:

Claim Name	No of Units	Lot/Record No.	Expiry Date
Nomad	12	1634	Dec. 02/85

Claim Name	No of Units	Lot/Record No.	Expiry Date
<u>Reverted Crown Grants</u>			
Holland Jr.	1	L7086/1033	Nov. 09/85
Lucky Swede	1	L7085/1052	Nov. 16/85
Jones	1	L7084/1032	Nov. 09/85
Alice	1	L7083/1031	Nov. 09/85
Oro Fr.	1	L7082/1051	Nov. 16/85
Hondo Fr.	1	L7081/1050	Nov. 16/85
Whistler	1	L7080/1030	Nov. 09/85
Holland	1	L7079/1029	Nov. 09/85
Ruby Fr.	1	L7256/992	Oct. 26/85
Emerald Fr.	1	L7257/992	Oct. 26/85
Winnifred Fr.	1	L7285/1272	Mar. 07/86

7. GEOCHEMISTRY

7.1 Field Procedures

The purpose of the 1985 program was to soil sample the area around the Holland adits to find a geochemical trend further along the strike.

A flagged grid was laid out over the adits with a baseline bearing of 292°. Lines were spaced every 150 meters and stations were set at 25 meters along the lines.

Altogether, 96 samples were taken, consisting of 95 soil samples and 1 rock chip sample. Soil samples were taken at a depth of 30 cm, in the B-horizon using Kraft gusset envelopes. There were several no samples along the grid due to cliffs and course talus. The rock sample was a chip taken from a 0.8 meter wide quartz vein in the eastern Holland adit.

7.2 Analytical Techniques

Bondar-Clegg & Company Ltd. was retained to perform the analysis. Soil samples were dried and sieved to minus 80 mesh. Elements Cu, Pb, Zn and Ag were extracted using a hot

HNO₃-HCl solution and detected by atomic absorption. For gold analysis, fire assay was used followed by atomic absorption. The rock sample was crushed and pulverized to minus 150 mesh, analyzed for Cu, Pb, Zn, Ag, Au using the same techniques as for soils.

7.3 Results

For complete lab reports see Appendix A. Anomalies were determined using the statistical technique: Mean + 2 Standard Deviations = Anomalous.

Copper

No. of samples = 95
Mean = 63 ppm
Standard Deviation = 26
 $63 + 2(26) = \text{Anomalous} = 115 \text{ ppm}$

Lead

No. of samples = 95
Mean = 9
Standard Deviation = 3
 $9 + 2(3) = \text{Anomalous} = 15 \text{ ppm}$

Zinc

No. of samples = 95
Mean = 125
Standard Deviation = 24
 $125 + 2(24) = \text{Anomalous} = 173 \text{ ppm}$

Silver

No. of samples = 95
Mean = 0.2
Standard Deviation = 0.01
 $0.2 + 2(0.01) = \text{Anomalous} = 0.22 \text{ ppm}$

Gold

No. of samples = 95
Mean = 16 ppb
Standard Deviation = 12
 $16 + 2(12) = \text{Anomalous} = 40 \text{ ppb}$

Copper results include 8 weak to moderate anomalies along line 900E to the south. Two other anomalies are in the same area along line 750 E.

Lead values are generally weak but are confined to two distinct areas. Six anomalies are clustered on the western portion of the grid along lines OE and 150 E. The remaining two are along line 750E to the north.

High zinc results occur on the eastern part of the grid (5) coincident with anomalous copper, as well as two anomalies on line OE and one weak value just above the Holland adits.

Silver anomalies are spread out and generally low.

Gold results (7) are also spread out. Three interesting anomalies occur, one (320 ppb) on line 900E and two (120 ppb and 240 ppb) are located to the west.

Another most interesting value comes from a grab sample taken from the eastern Holland adit. A gold anomaly of 5900 ppb (.17 oz/ton) came from a chip sample of a 0.8 meter wide quartz vein trending approximately 120°.

7.4 Interpretation

From the results three anomalous areas can be delineated as follows:

Area I: Around lines 750E and 900E which includes ten weak-moderate copper values, two weak lead, five moderate zinc, three weak silver and three gold anomalies. One sample (HL85-101) contains values of 133 ppm Cu, 270 ppm Zn, 6.3 ppm silver and 320 ppb Au.

Area II: Around line OE and 150E including high results in lead (6), zinc (2), silver (2) and gold (3). The most encouraging sample was HL85-57 with 16ppm Pb, 312 ppm Zn and 240 ppb Au.

Area III: In the vicinity of the Holland adits. Only two soil anomalies occur, 173 ppm Zn and 50 ppb Au. However, a rock grab sample from the eastern adit gave a 5900 ppb value.

The three areas of interest line up at approximately 120° which is the orientation of the Holland vein. "Gaps" of poor results

between the anomalous areas could reflect the thickening and thinning nature of the vein within a soft sediment host. It could also mean an increased sampling density is needed.

8. CONCLUSIONS

The Holland Claim Group is located just east of the Bralorne-Pioneer gold mining camp, both of which were very productive.

Favourable geology occurs in the area including the Cadwallader Creek fault zone and several intrusive plutons. An augite-diorite outcrop (mapped by Sawyer, 1981) similar to productive augite-diorite of the Bralorne camp occurs on the previous.

Previous work consisting of surface geology and underground drifting failed to yield encouraging results. Cairnes (1935) reported a high value of 0.15 oz/ton across 0.6 meters for 9.0 meters.

The 1985 work consisted of geochemical soil sampling on a 150 meter x 25 meter grid over the Holland adit area. Three interesting areas were delineated which warrant follow-up work.

Future programs should include grid "tightening" and soil sampling to better delineate a surface expression of the vein. Detailed surface geological mapping and rock sampling plus underground chip sampling are also a necessity to provide more information before large expenditures are made.

Respectfully Submitted,

Peter D. Leriche, B.Sc.
ASHWORTH EXPLORATIONS LIMITED

RECOMMENDATIONS FOR HOLLAND CLAIM GROUP

Results from the 1985 program are very encouraging. Therefore a fairly ambitious program is recommended for 1986.

1. All soil samples from 1985 should be analyzed for antimony and arsenic. These pathfinder elements should better delineate areas of anomalous gold. Antimony in particular is associated with the Bralorne gold camp. Rock sample HL85-R200 should also be assayed for gold considering the high geochemical value.
2. The existing 1985 grid should be filled in to 50 meters x 25 meters, to better pinpoint the anomalous areas.
3. Surface detailed geological mapping and rock sampling to try to increase the strike length of the vein. A possible trenching program would be contingent upon favourable results.
4. Re-map and systematically chip sample quartz veins within the Holland adits. A 1 kg. chip sample should be taken every 2 meters along the main quartz vein.
5. Reconnaissance mapping and prospecting on the remainder of the claims. Specifically, try to locate the Riel vein and adit which is on the Nomad claim. Also, find the augite/diorite outcrops (Sawyer, 1981) and sample the area in more detail.

ESTIMATED COSTS

Geologist	
7 days mapping, sampling and prospecting	
@ \$250/day	1,750.00
Geological Technicians	
2 x 7 days = 14 man days @ \$180/day	2,520.00
Supervision	
3 days @ \$350/day	1,050.00
Food and Accommodation	
3 x 7 days = 21 man days @ \$80/day	1,680.00
Truck Rental and Fuel	
7 days @ \$80/day	560.00
Analysis:	
Soil Samples (Au, Ag, As, Sb, Cu, Zn)	
225 @ \$14/sample	3,150.00
Rock Samples (Au, Ag, As, Sb, Cu, Zn)	
85 @ \$16/sample	1,360.00
Materials	500.00
Report Costs	<u>2,000.00</u>
TOTAL	<u><u>\$14,570.00</u></u>

Respectfully Submitted,

Peter D. Leriche, Geologist
ASHWORTH EXPLORATIONS LIMITED

APPENDIX A

GEOCHEMICAL LAB RESULTS

APPENDIX B

ITEMIZED COST STATEMENT

APPENDIX B
ITEMIZED COST STATEMENT

Wages

Geologist (including mob & demob) Nov. 3 - Nov. 5/85 @ \$225/day	675.00
Geological Technicians x 2 (including mob & demob) Nov. 3 - Nov. 5/85, 6 man days @ \$180/day	1,080.00
Supervision 1 day @ \$300/day	300.00

Food and Accommodation

Nov. 3 - Nov. 5/85 9 man days @ \$80/day	720.00
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Transportation

Truck rental and fuel 3 days @ \$75/day	225.00
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Analysis

Soil Samples (Cu, Pb, Zn, Ag, Au) 95 @ \$12.65	1,201.75	
Rock Samples (Cu, Pb, Zn, Ag, Au) 1 @ \$15.00	15.00	1,216.75
Materials		150.00
Report and Drafting		<u>500.00</u>
TOTAL		<u><u>\$4,716.75</u></u>

APPENDIX C

STATEMENT OF QUALIFICATIONS

APPENDIX C

STATEMENT OF QUALIFICATIONS

I, PETER D. LERICHE, of 6416 St. Andrews Way, Whistler, B.C., VON 1B0 do hereby state that:

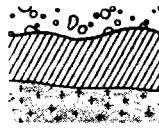
1. I am a graduate of McMaster University, Hamilton, Ontario with a B.Sc. degree in Geology, 1980.
2. I have actively pursued my career as a geologist for seven years in British Columbia, Ontario, Yukon and Northwest Territories.
3. I have no direct or indirect interest in the property or securities of Unicorn Resources Ltd., nor do I expect to receive any such interest.



P.D. Leriche, B.Sc.
ASHWORTH EXPLORATIONS LTD.

Vancouver, B.C.
December 9, 1985

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 Canada V7P 2R5
 Phone: (604) 985-0681
 Telex: 04-352667



BONDAR-CLEGG

**Geochemical
 Lab Report**

REPORT: 125-3749 (COMPLETE)

REFERENCE INFO:

CLIENT: ASHWORTH EXPLORATION LTD.
 PROJECT: HOLLAND 85

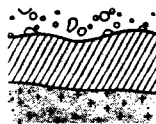
SUBMITTED BY: C. ASHWORTH
 DATE PRINTED: 18-NOV-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	96	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
2	Pb Lead	96	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
3	Zn Zinc	96	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
4	Ag Silver	96	0.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
5	Au Gold - Fire Assay	96	5 PPR	FIRE-ASSAY	Fire Assay AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	95	1 -90	95	DRY, SEIVE -90	95
R ROCK OR BED ROCK	1	2 -150	1	CRUSH,PULVERIZE -150	1

REPORT COPIES TO: MR. CLIVE ASHWORTH
 MR. PETER LERICHE

INVOICE TO: MR. CLIVE ASHWORTH



REPORT: 125-3749

PROJECT: HOLLAND 85

PAGE 1

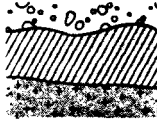
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S1 HL85-01		67	8	130	<0.2	<5
S1 HL85-02		68	7	119	<0.2	<5
S1 HL85-03		60	7	150	<0.2	<5
S1 HL85-04		66	7	106	<0.2	5
S1 HL85-05		104	9	142	<0.2	15
S1 HL85-06		75	7	123	0.2	5
S1 HL85-07		73	4	80	<0.2	<5
S1 HL85-08		119	25	188	0.5	20
S1 HL85-09		98	15	123	0.2	10
S1 HL85-10		83	10	130	<0.2	<5
S1 HL85-11		86	7	148	0.2	5
S1 HL85-12		71	7	128	<0.2	5
S1 HL85-13		76	5	120	<0.2	10
S1 HL85-14		70	7	93	0.2	5
S1 HL85-15		50	7	62	<0.2	<5
S1 HL85-16		70	10	148	0.2	10
S1 HL85-17		98	10	115	0.2	50
S1 HL85-18		43	7	111	<0.2	15
S1 HL85-19		55	7	122	0.2	5
S1 HL85-20		37	7	173	<0.2	<5
S1 HL85-21		47	8	120	0.2	5
S1 HL85-22		41	7	132	0.3	<5
S1 HL85-23		64	7	123	0.2	10
S1 HL85-24		76	6	100	<0.2	5
S1 HL85-25		18	6	80	<0.2	<5
S1 HL85-26		39	7	107	<0.2	<5
S1 HL85-27		43	7	98	<0.2	<5
S1 HL85-51		56	16	120	<0.2	<5
S1 HL85-52		55	19	149	<0.2	<5
S1 HL85-53		62	8	100	<0.2	15
S1 HL85-54		38	7	98	<0.2	<5
S1 HL85-55		50	12	120	<0.2	10
S1 HL85-56		46	10	120	<0.2	5
S1 HL85-57		70	14	118	0.2	240
S1 HL85-58		83	16	312	0.4	<5
S1 HL85-59		56	15	110	0.2	5
S1 HL85-60		42	15	120	0.2	10
S1 HL85-61		18	6	127	<0.2	<5
S1 HL85-62		44	7	228	<0.2	<5
S1 HL85-63		37	8	112	0.2	<5

REPORT: 125-3749

PROJECT: HOLLAND 85

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
S1 HL85-64		37	7	140	0.2	<5
S1 HL85-65		42	7	126	<0.2	5
S1 HL85-66		65	6	165	0.2	5
S1 HL85-67		65	5	121	<0.2	10
S1 HL85-68		31	7	101	<0.2	<5
S1 HL85-69		41	8	100	<0.2	<5
S1 HL85-70		44	7	110	<0.2	25
S1 HL85-71		38	7	113	0.2	<5
S1 HL85-72		17	7	90	<0.2	<5
S1 HL85-73		64	12	130	0.3	<5
S1 HL85-74		32	7	132	<0.2	5
S1 HL85-75		30	7	128	<0.2	5
S1 HL85-76		51	26	90	<0.2	5
S1 HL85-77		32	13	120	<0.2	120
S1 HL85-78		32	7	112	0.2	55
S1 HL85-79		28	7	90	<0.2	10
S1 HL85-80		26	10	112	0.2	<5
S1 HL85-81		48	7	138	<0.2	<5
S1 HL85-82		31	5	95	<0.2	<5
S1 HL85-83		45	6	102	<0.2	<5
S1 HL85-84		46	7	102	<0.2	<5
S1 HL85-85		57	9	113	0.2	5
S1 HL85-86		60	8	89	0.2	<5
S1 HL85-87		33	7	110	<0.2	<5
S1 HL85-88		25	7	110	<0.2	<5
S1 HL85-89		32	9	102	<0.2	<5
S1 HL85-90		14	7	80	<0.2	<5
S1 HL85-91		26	9	83	<0.2	<5
S1 HL85-92		36	10	113	<0.2	<5
S1 HL85-93		39	7	110	0.2	<5
S1 HL85-94		31	8	140	<0.2	<5
S1 HL85-95		35	8	130	<0.2	<5
S1 HL85-101		133	10	270	0.3	320
S1 HL85-102		135	12	115	0.7	<5
S1 HL85-103		160	7	171	<0.2	30
S1 HL85-104		169	12	198	0.2	15
S1 HL85-105		130	9	155	0.2	10
S1 HL85-106		144	9	160	<0.2	20
S1 HL85-107		158	10	180	0.2	25
S1 HL85-108		192	9	182	<0.2	10

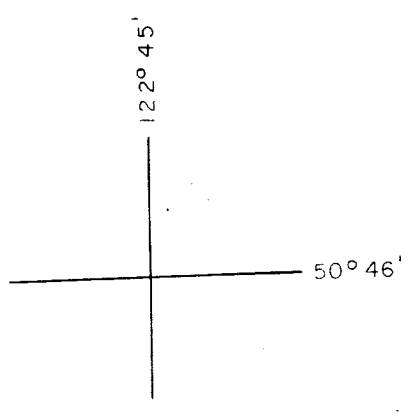
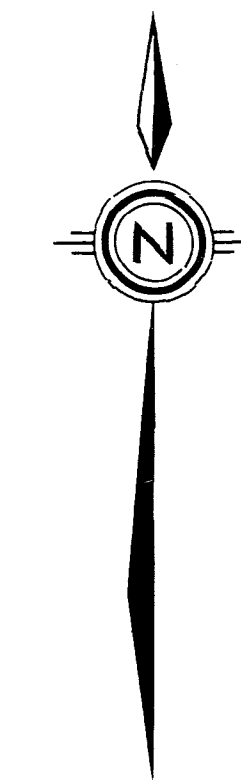


REPORT: 125-3749

PROJECT: HOLLAND 85

PAGE 3

SAMPLE NUMRER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
S1 HL85-109		78	7	122	<0.2	10
S1 HL85-110		60	7	115	<0.2	5
S1 HL85-111		65	7	102	<0.2	10
S1 HL85-112		60	5	101	<0.2	5
S1 HL85-113		135	10	163	<0.2	10
S1 HL85-114		81	10	112	<0.2	<5
S1 HL85-115		66	6	79	<0.2	65
S1 HL85-116		104	10	170	<0.2	45
S1 HL85-117		65	4	92	<0.2	<5
S1 HL85-118		64	3	90	<0.2	<5
S1 HL85-119		61	5	100	<0.2	5
S1 HL85-120		53	7	110	<0.2	<5
S1 HL85-121		78	7	115	0.2	<5
S1 HL85-122		25	7	143	0.2	<5
S1 HL85-123		38	7	108	0.2	10
R2 HL85-R200		55	3	39	0.4	5900

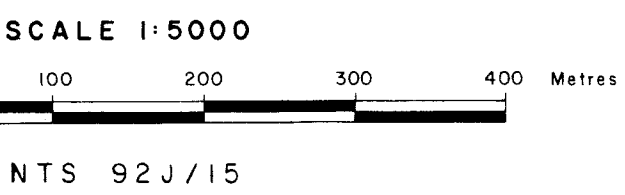


LEGEND

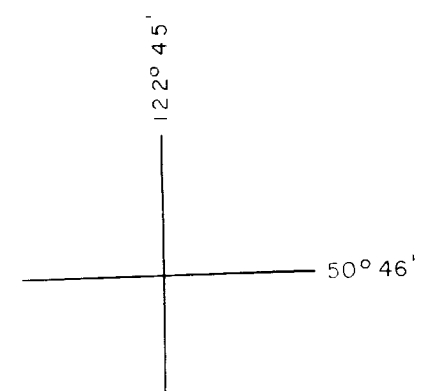
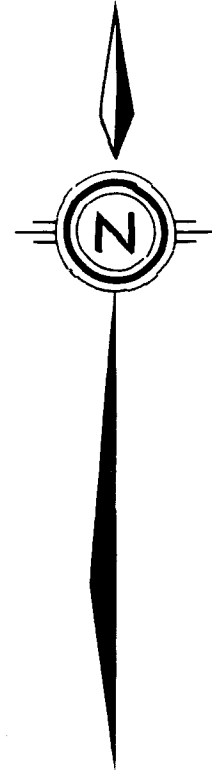
- Soil sample grid
- Rock sample location
- Adit
- Approximate claim boundary and legal claim post. LCP located using topographic map and boundaries walked using pace and compass.
- Sample number (all samples HL 85 - #).

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,621



UNICORN RESOURCES LTD.	
HOLLAND CLAIM GROUP GEOCHEMICAL SURVEY SAMPLE LOCATION MAP	
Scale: 1:5000	By:
Date: JANUARY 1986	Figure: 3
Ashworth Explorations Ltd.	



LEGEND

- Soil sample grid
- Rock sample location
- Adit
- Approximate claim boundary and legal claim post. LCP located using topographic map and boundaries walked using pace and compass.
- 50, 12, 120 Cu ppm, Pb ppm, Zn ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,621

SCALE 1:5000
100 200 300 400 Metres
NTS 92J/15

UNICORN RESOURCES LTD.

HOLLAND CLAIM GROUP
GEOCHEMICAL SURVEY
COPPER, LEAD, ZINC RESULTS

Scale: 1:5000
Date: JANUARY 1986.

By:
Figure: 4

Ashworth Explorations Ltd.