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**ASSESSMENT REPORT  
GEOLOGY - GEOCHEMICAL REPORT  
ON THE GOLD MINE AND GOLD HILL CLAIMS**

FILED

Whistle Creek  
Hedley Area  
Similkameen Mining Division  
92 H / 8 E

LOG NO: 1109	RD

**CO-ORDINATES:**

49° 20' North Latitude  
120° ~~07'~~ West Longitude  
09'

**OWNER OF CLAIMS:**

PHILEX GOLD AND ENERGY CORPORATION  
4529A East Hastings Street  
Vancouver, B.C.  
V5C 2K3

**OPERATOR:**

PHILEX GOLD AND ENERGY CORPORATION

**CONSULTANT:**

HAROLD M. JONES, P.ENG.  
HAROLD M. JONES & ASSOCIATES INC.

**AUTHOR:**

HAROLD M. JONES, P.ENG.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

17,966

November 1, 1988

## TABLE OF CONTENTS

	Page
Summary	1
Introduction	2
Location and Access	2
Topography and Vegetation	2
Property	3
History and Previous Work	3
Geology	5
General Geology	5
Local Geology	5
Geochemical Soil Survey	8
Rock Samples and Assays	10
Table I - Rock Sample Assay Results	10
Discussion of Results	11
Conclusion	11
References	12
Certificate	13
Statement of Qualifications	14
Appendix I - Statement of Expenditures	
Appendix II - Assay Certificates	

### List of Illustrations

	Following Page
Figure 1 Location Map	2
Figure 2 Claim Map	3
Figure 3 Geology Map	pocket
Figure 4 Geology Map - Area 5	7
Figure 5 Au, As Geochemistry - Area 5	7
Figure 6 Geology Map - Area 6	7
Figure 7 Au, As Geochemistry - Area 6	7

## SUMMARY

The Gold Mine and Gold Hill claims are located in the Similkameen Mining Division 5 km due west of Hedley, B.C. They are owned by Philex Gold and Energy Corporation of Vancouver, B.C.

The property is underlain by metasediments and metavolcanics of the Upper Triassic Nicola Group into which are intruded a number of dioritic and andesitic dykes and sills. At least one granodiorite plug also intrudes the Nicola Group rocks.

Exploration in the 1930's tested several mineralized areas with a number of shallow pits, trenches, shafts and short adits. These workings proposed sulfide mineralization carry low values in gold associated with shears, veins and quartz-calcite breccia zones.

Work in the 1970's located a significant quartz-carbonate vein breccia zone. Its surface expression is a prominent gossan from which one sample was taken which assayed 2.046 oz/ton gold. Two drill holes intersected this zone, assays from which returned low values in gold, arsenic, copper and zinc.

Philex Gold and Energy Corp. staked the property and conducted exploration programs in 1982, 1985, 1987 and 1988. Results of this work indicate a number of areas as being anomalous in gold and arsenic in the soils, some of which correspond with the areas of old workings. An airphoto study indicates that many of the lineaments are coincident with geochemically anomalous areas and some of the areas of known mineralization.

It is concluded that a geophysical survey followed by trenching and/or drilling of all areas of interest is warranted and recommended.

## INTRODUCTION

Between July 22 and August 3, 1988, Philex Gold and Energy Corporation conducted fill-in geochemical soil sampling and geological mapping on Gold Mine and Gold Hill claims, located near Hedley, B.C. The purpose of the work was to provide additional data to that obtained from a previous exploration program as well as meet the assessment work requirements. Most of this work was under the supervision of B. Fenwick-Wilson, mining technician. The writer conducted limited geological mapping during the period July 28-31, 1988.

### Location and Access

49° 20' North Latitude  
120° 07' West Longitude

The Gold Mine and Gold Hill claims are located within the Similkameen Mining Division in southern British Columbia approximately 5 km due west of Hedley (Figure 1). They are situated on the south side of the Similkameen River valley on the ridge between Whistle Creek and Henri Creek. Elevations range from 550 m to 1525 m above sea level.

The claims are readily accessible by good logging roads which leave B.C. Highway 3 six km west of Hedley. The main logging road follows Whistle Creek but near the 6 km mark, a branch road leads to the claims. It is approximately 8 km by road to the property.

Roads are numerous within the claims area except in the northern part of Gold Mine claim, which contains numerous rock bluffs and cliffs. In dry weather most parts of the property may be reached by two-wheel drive vehicles.

### Topography and Vegetation

The topography on the property is characterized by a rounded, moderately north sloping ridge bounded to the east and west by steep slopes and to the north by high cliffs. The lower slopes are well forested by moderately dense stands of pine and fir while the higher ground is more open with grassy patches within mature stands of timber. Underbrush is light.



PHILEX GOLD AND ENERGY CORP.

H. M. JONES & ASSOCIATES INC VANCOUVER, B.C.

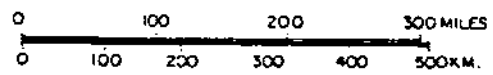
GOLD MINE & GOLD HILL CLAIMS  
**LOCATION MAP**  
 HEDLEY AREA - SIMILKAMEEN M.D.

N.T.S. 92H-8E

SCALE AS SHOWN  
 H.M. JONES

OCT. 1988

FIG. 1



### Property

The property consists of two claims which may be described as follows (Figure 2):

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Expiry Date*</u>
Gold Hill	15	1161(9)	September 8, 1990
Gold Mine	15	1177(9)	September 23, 1990

\* Pending acceptance of recent assessment work filing.

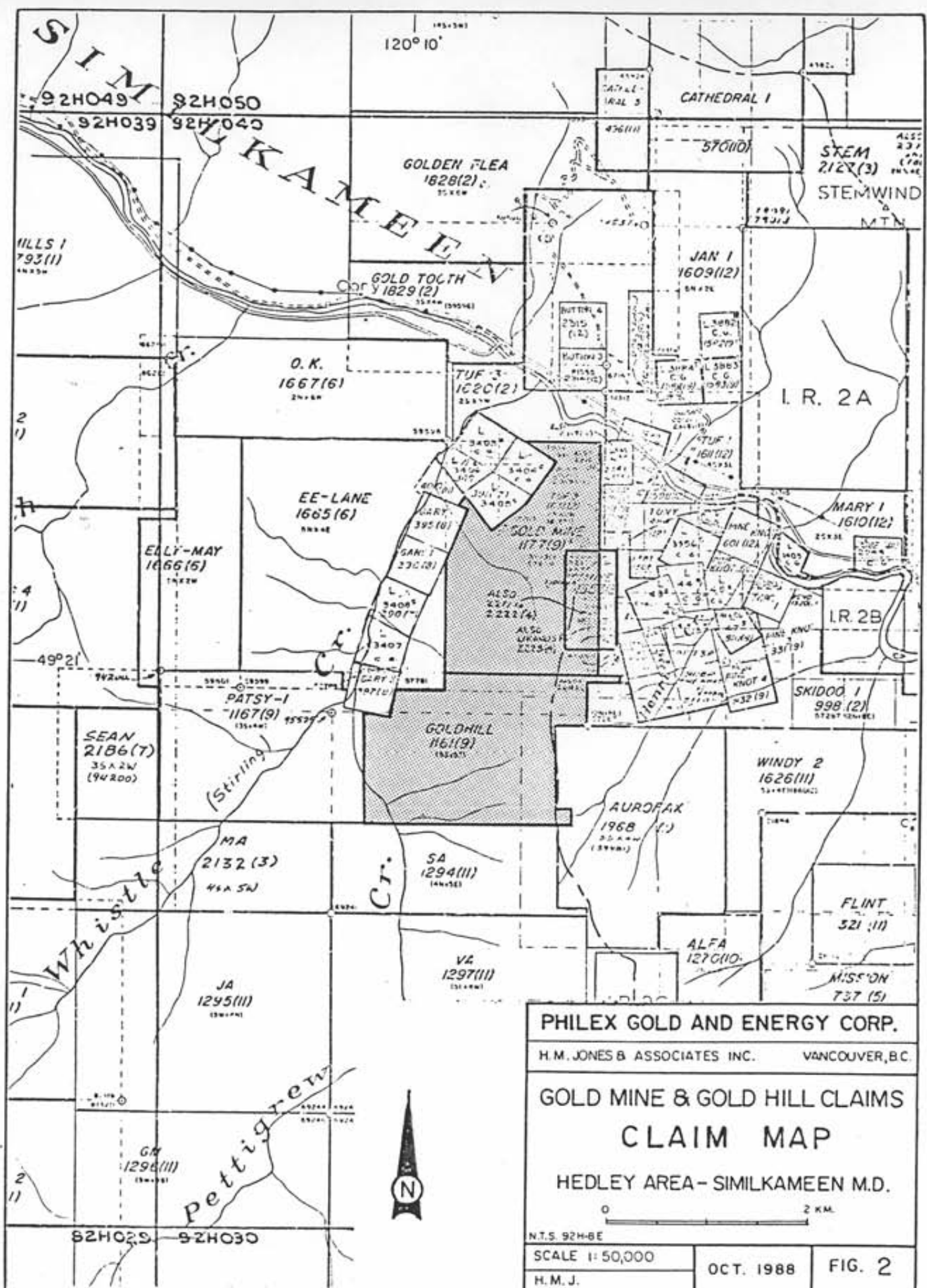
The claims are owned by Philex Gold & Energy Corporation, 4529A East Hastings Street, Vancouver, B.C. V5C 2K3.

### History and Previous Work

During the early 1930's, Hedley Gold Hill Mining Company owned all or part of the ground now covered by Gold Mine and Gold Hill claims. Their work included several short adits and shafts, one long adit and a number of trenches. Most of their work was concentrated on a quartz-calcite breccia zone well mineralized with pyrite and much lesser arsenopyrite, pyrrhotite, chalcopryite, galena and sphalerite. Low values in gold were obtained from samples taken from the workings. They are located near the south-central boundary of Gold Mine claim.

Old pits and trenches, presumably dug by the same company, are located near the southwest corner of Gold Mine claim. These workings explore strongly sheared and fractured sediments.

Between 1927 and 1935, Hedley Sterling Gold Mines Ltd. explored the Patsy No. 2 Crown grant (L.3407), which lies immediately west of Gold Mine claim. During this period they explored five bedded shear zones with three short and one long adit and several open cuts. While the shears range up to 1.8 m wide, they are mineralized over only narrow widths - 5 cm to 30 cm - with quartz and minor pyrite and/or arsenopyrite. Gold assays were generally 0.2 oz/ton.



**PHILEX GOLD AND ENERGY CORP.**

H.M. JONES & ASSOCIATES INC. VANCOUVER, B.C.

**GOLD MINE & GOLD HILL CLAIMS  
CLAIM MAP**

HEDLEY AREA - SIMILKAMEEN M.D.



N.T.S. 92H-8E

SCALE 1:50,000

OCT. 1988

FIG. 2

H.M. J.

From 1973 - 1976, Canadian Occidental Petroleum conducted an exploration program on the HED claims, which are now a part of the ground covered by the Gold Mine claim. They initially located the area as a result of geochemical silt sampling programs which showed an anomalous stream sample. Examination of the stream led them to a gossan from which one sample assayed 2.046 oz/ton gold. They explored the area by conducting geological mapping and soil surveys over a part of the HED claims and drilled three short holes totalling 240 m to test the gossan. Results of their work indicate one large area with strong, coincident, arsenic-gold anomalies and a second area with widespread but weaker coincident anomalies. These anomalous areas were never followed up with detailed exploration.

Drilling of the gossan located a quartz-carbonate vein breccia zone up to 15 m wide (drill intersection width). Low values in gold, arsenic, copper and zinc were obtained from the breccia zone.

During October 1982, August - October, 1985, June - August, 1987 and July - August, 1988, Philex Gold and Energy Corp. conducted geological, geophysical and geochemical surveys on Gold Mine and Gold Hill claims. Results of this work indicated a number of areas as being anomalous in gold and arsenic in the soils, some of which corresponded with the areas of old workings. An airphoto study conducted by the writer indicated that a number of airphoto lineaments were coincident with geochemical anomalies.

Gold Mine and Gold Hill claims lie immediately west of Banbury Gold Mines' Henri Creek property which is being actively explored at the present time. In late 1985 Noranda Exploration Ltd. obtained an option on this property. They explored it through 1987, then dropped the option. The property is now under option to Total Erickson Resources Ltd.

Across the valley at Hedley, Mascot Gold Mines Ltd. are operating an open pit mine on the Old Nickel Plate Mine property. They reported, on February 7, 1986, open pit reserves of 7.1 million tons averaging 0.15 oz/ton gold.



Golden North Resources Corp. are actively exploring the ground adjoining that of Mascot Gold Mines. Numerous other junior mining companies are also active in the area.

## GEOLOGY

### General Geology

The Hedley area is underlain by Upper Triassic Nicola Group volcanics and sediments into which were intruded small ultrabasic and large granite bodies of late Mesozoic Age. The latter intrusives almost surround the Nicola Group rocks, which in the general Princeton area consist of a thick succession of lavas through which are irregularly distributed lenses of tuffaceous and argillaceous rocks and occasional beds of limestone.

In the Nickel Plate Mine area, located 5 km east of the subject property, most of the sedimentary strata have been strongly metamorphosed to skarn by the intrusion of many sills and dykes into impure limy sediments. Gold mineralization associated with arsenopyrite occurs in skarn zones adjacent to diorite-gabbro sills and dyke. On the Gold Mine and Gold Hill claims skarn alteration appears to be absent although intrusions are present.

### Local Geology

The property geology was described in detail in the writer's previous Assessment Report on the Gold Mine and Gold Hill Claims dated November 2, 1987 so it will only be summarized in this report.

Outcrop is well exposed on the claims in cuts along the main access roads and in cliffs at the north end of the property. Elsewhere it is usually restricted to rubbly exposures on the top and sides of small rounded knolls and in low cliffs in areas of steep terrain.

The geology consists of a series of sediments and pyroclastics of the Nicola Group intruded by diorite and andesite(?) as narrow dykes and sills and as small stocks. The Nicola rocks consist primarily of very dark grey to black argillite, siltstone, tuffaceous argillite, cherty argillite or siltstone, with lesser chert and minor limestones. Also included in these rocks is a "slump breccia", a mixture of fine to very coarse blocks of rounded to angular limestone, argillite and tuff in a limy, sandy matrix. Fragments are in random orientation. This unit is correlated with Copperfield conglomerate mapped on the Nickel Plate Mine property (Ray and Dawson, 1987).

The above Nicola Group rocks are intruded by small granodiorite stocks and hornblende diorite and andesite dykes and sills.

Geological mapping in 1988 was restricted to the two areas covered by the geochemical surveys - Grids 5 and 6 (see Figure 3) - and to prospecting in the vicinity of the gossan in Area 2 and to an oxidized zone on the road above the gossan. See Figure 3 for locations of the above areas.

A summary of the above areas is as follows:

1. **Area 5** (see Figure 4) - This area is on very steep terrain which is covered by grassy slopes and open to dense forest cover, the latter being thick strands of small second growth fir. The slope is essentially all fine talus beneath a thin mantle of soil. An occasional outcrop is present.

All rock is very dark grey to black, fine to medium grained argillite, siltstone and tuff. These rocks are all very similar, differing only slightly in grain size. Bedding is not usually obvious.

Crystal tuff is exposed in a few outcrops on the western edge of the grid. Its crystalline texture is in contrast to the other very fine grained rocks. These rocks, locally, are well mineralized with pyrite, whereas only minor finely disseminated pyrite and/or pyrrhotite occur in the argillaceous rocks.

2. **Area 6** (see Figure 6) - This area was known from previous work to contain a small granodiorite stock with possibly associated gold and arsenic values (anomalous Au and As soil samples obtained from its vicinity). The purpose of the mapping was to better define the intrusive.

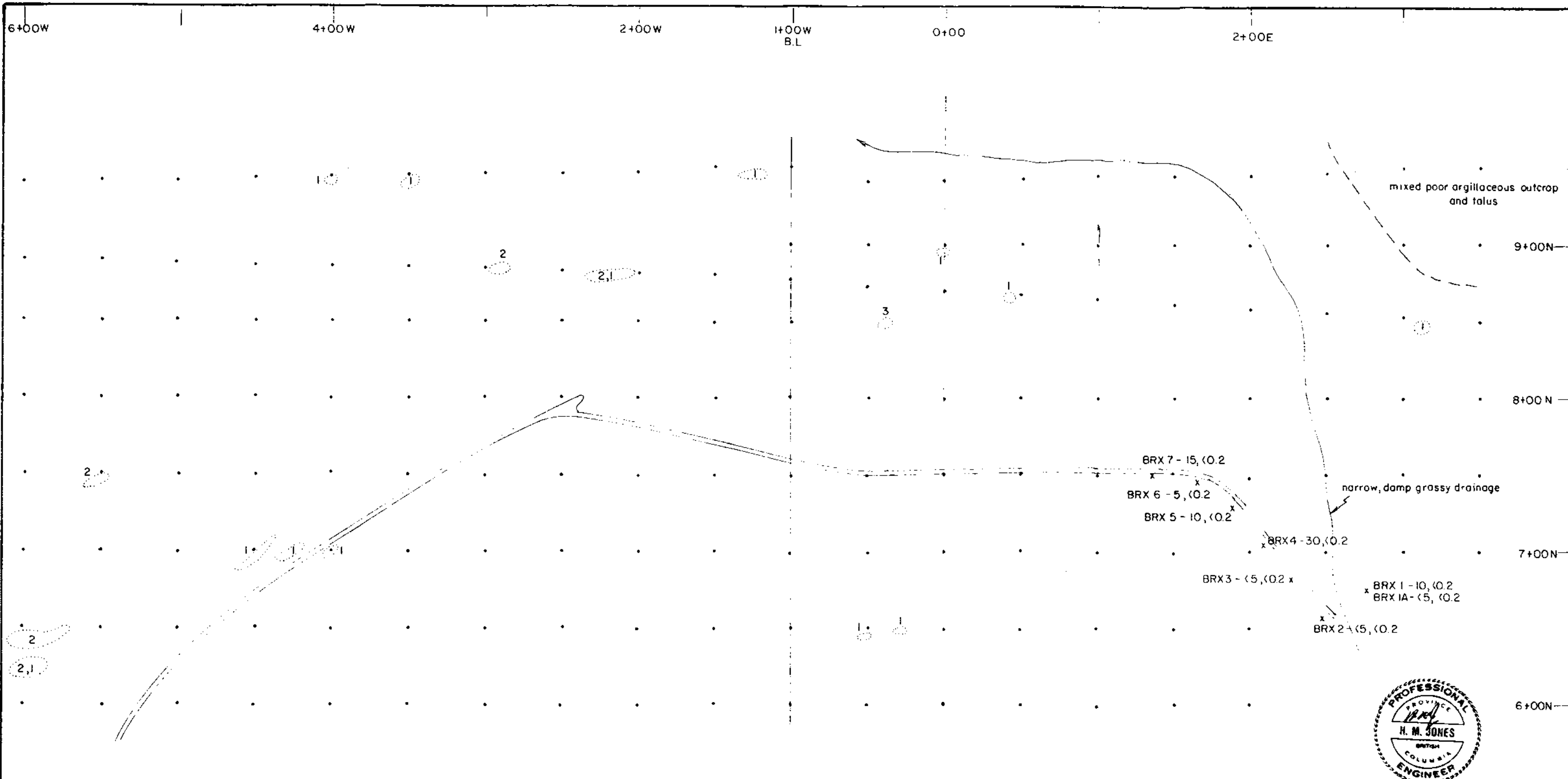
A number of poorly exposed outcrops are located within Area 6, except in the southwestern part where cherty argillite or siltstone and tuffs form prominent bluffs.

A granodiorite stock is poorly exposed at the eastern edge of the grid - line 9+00E, 1+60N to 2+75N - but appears to pinch out near line 8+00E. Similar intrusive rock is exposed on line 8+00E at 3+50N. The latter appears to be a narrow dyke-like body.

Based on the scattered outcrops in this area, it appears that the intrusive rocks do not extend through the grid, but they could underlie it at a shallow depth.

3. **Area 2** - (see Figure 3) - Iron-rich gossans are exposed at two locations in Area 2. The better exposure is near line 3+00E, 4+50N. Here, the eastern part of a major shear zone is poorly exposed in the sloughed bank of a logging road cut. Its attitude appears to be N25E/75E. The east wall (hanging wall) is a massive, medium to coarse grained clastic rock, either tuffaceous or greywacke. It is in sharp contact to the west with 3 meters of strongly sheared, heavily iron stained limy tuffs (?) containing seams of calcite. To the west of this section is 1.5 meters of soft limy tuffs(?), the western half of which is strongly sheared. Continuing to the west the rocks are completely shattered, vuggy and clay altered. Two meters of the latter section is exposed, then lost in overburden in the banks of the creek gully.

Approximately 50 meters north of the above, a second gossanous area is poorly exposed in a cut bank at old drill site 76-3 (Figure 3). This outcrop is very small, consisting of strongly iron stained, intensely clay-altered tuff(?).

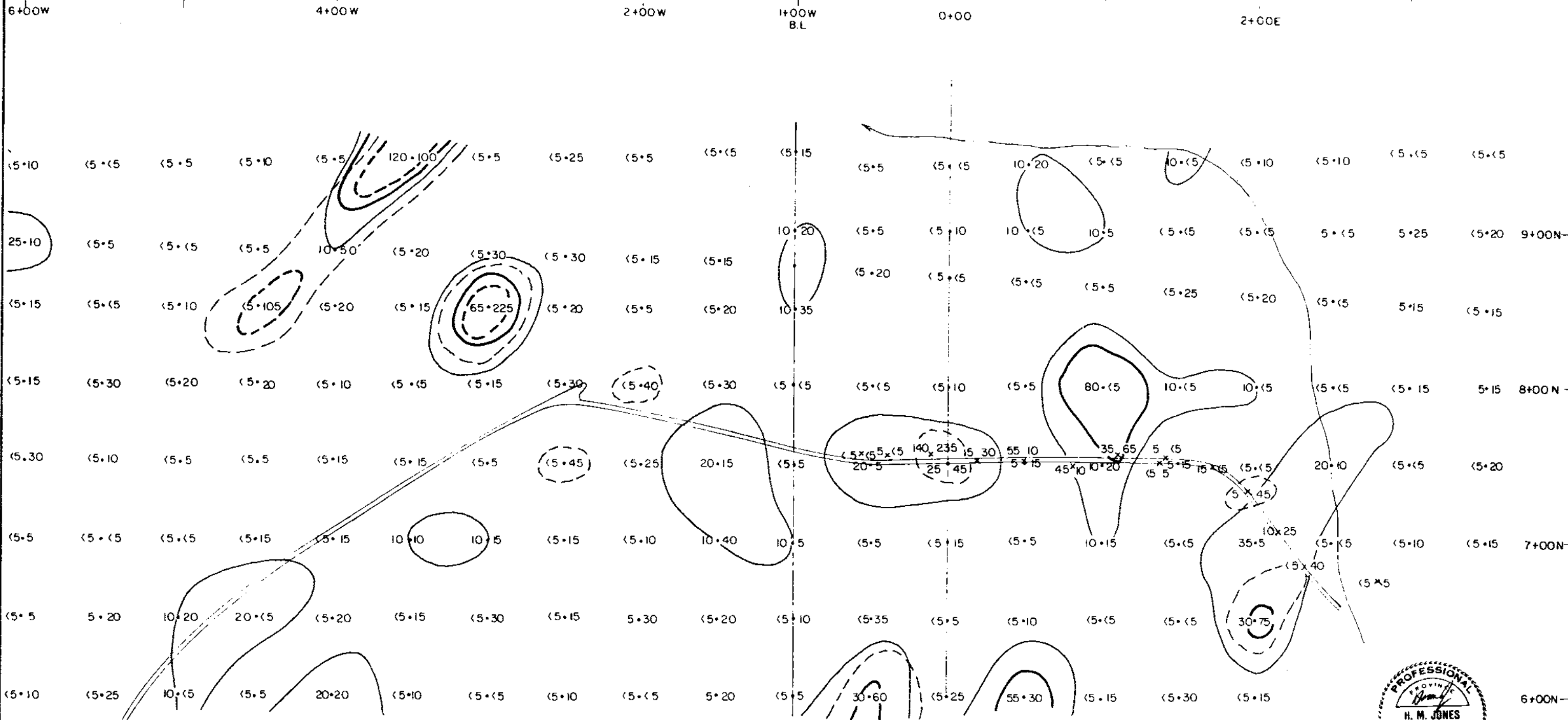


**LEGEND**

- Soil sample
- x BRX 3-(5, <0.2) Rock " No - Au in ppb, As in ppm
- Overgrown logging road
- Stream
- 1 Black argillaceous tuff
- 2 Crystal tuff
- 3 Limy breccia



PHILEX GOLD AND ENERGY CORP.	
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GOLD MINE & GOLD HILL CLAIMS AREA 5 <b>GEOLOGY</b> HEDLEY AREA	
N.T.S. 92H-8E	SIMILKAMEEN M.D., B.C.
0 50 100 METRES	
SCALE 1:2500	OCT. 1988 FIG. 4
H.M. JONES	

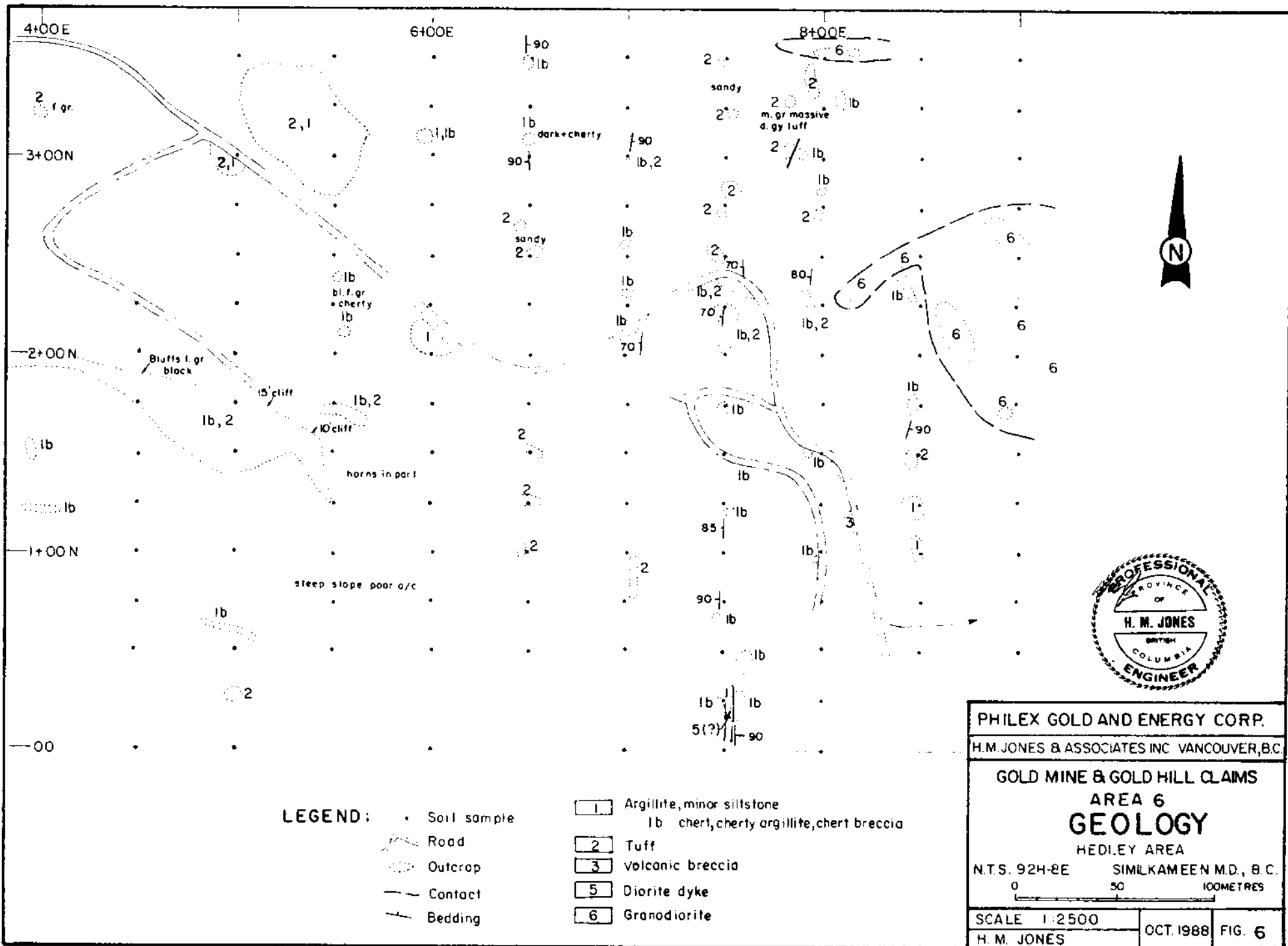


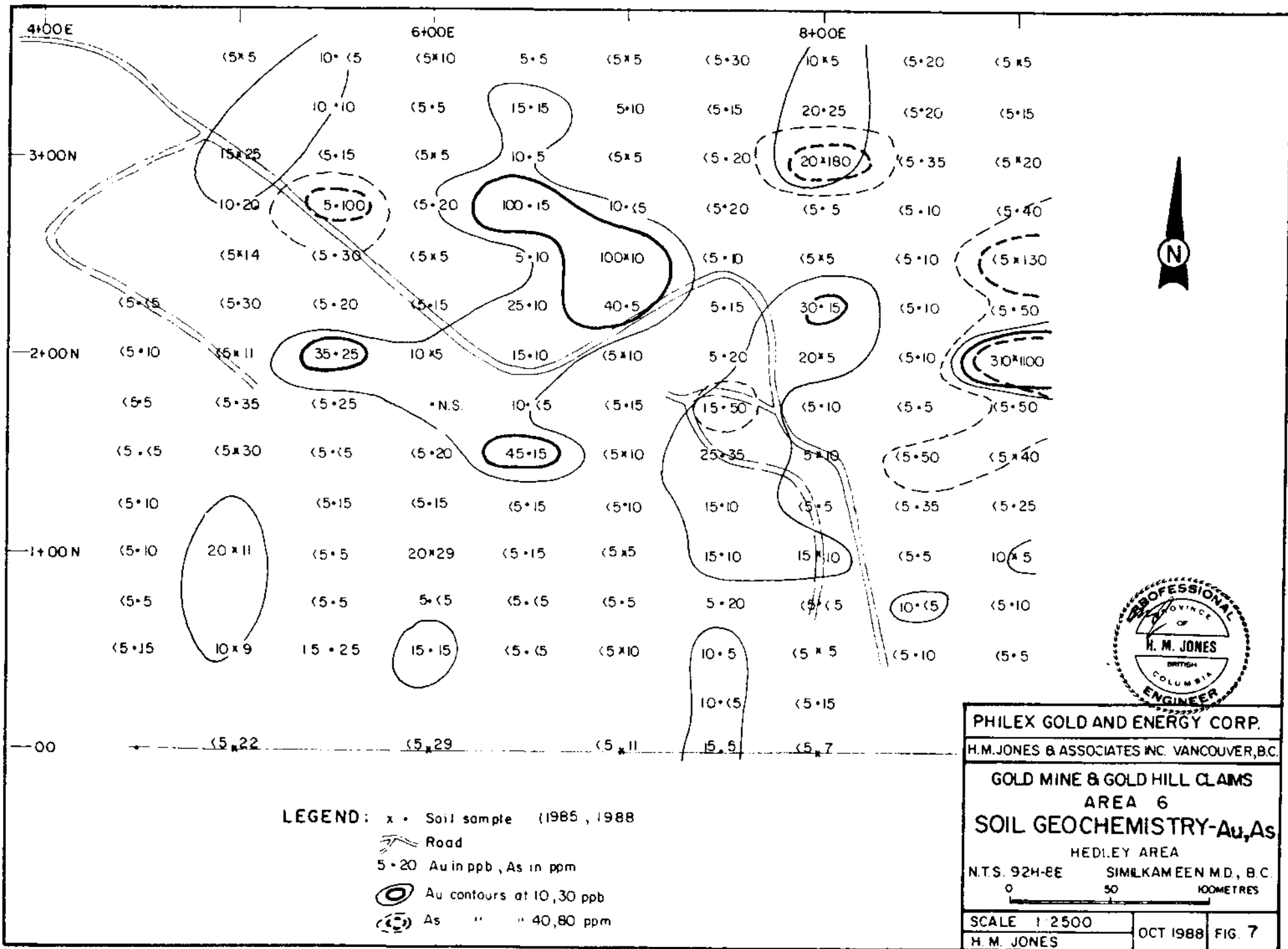
**LEGEND**

- Soil sample
- x Recon. soil samples by B. Fenwicke Wilton
- Overgrown logging road
- Stream
- 10.25 Au in ppb, Ag in ppm
- Au contours at 10, 30 ppb
- Ag " " 40, 80 ppm



PHILEX GOLD AND ENERGY CORP.		
H. M. JONES & ASSOCIATES INC. VANCOUVER, B.C.		
GOLD MINE & GOLD HILL CLAIMS AREA 5		
SOIL GEOCHEMISTRY - Au, As		
HEDLEY AREA		
N.T.S. 92H-8E	SIMILKAMEEN M.D., B.C.	
0 50 100 METRES		
SCALE 1:2500	OCT 1988	FIG. 5
H. M. JONES		





Old holes 76-1 and 76-2 were drilled in the vicinity of the first gossanous exposure and intersected a quartz-carbonate shear zone. The third hole was drilled at the second gossanous outcrop. Judging from the location of hole 76-3 relative to the outcrop, it is suspected that it was collared too far to the west. This may account for the fact that it did not intersect the shear zone.

4. Shear zone at approximately 0+70E, 5+00N, (see Figure 3). A strongly shattered, limonitic, clay-altered shear zone is poorly exposed in a shallow road cut at this location. Carbonate bands up to 4 cms wide occur throughout the zone, which is exposed over a 4.6 m width. It trends about N20E and dips steeply.

#### GEOCHEMICAL SOIL SURVEY

Soil sampling was conducted in two areas. The first, referred to above as Area 5 (see Figure 5), is a northern extension of sampling previously conducted on Gold Mine Claim. In this area, the existing grid was extended from 6+00N to 9+50N, with east-west lines placed at 50 meter intervals. Lines were run from 3+50E to 6+00W. Samples were collected at each 25 meter station on each line. The grid in Area 5 totalled 7.3 line kms.

Soil is poorly developed in this area. It consists of a thin mantle of clay-rich silty sand underlying a grass cover and overlying fine to coarse talus. No well developed "B" horizons were present.

The second area sampled, Area 6 (see Figure 7), was at the southeastern corner of Gold Mine Claim. Previous sampling in this area located anomalous values in gold and arsenic, some of which were in proximity to a granodiorite stock. The original 1985 grid consisted of lines 100 meters apart with samples @ 50 m centers on each line. This grid was difficult to find and had to be re-established. In the recently completed survey, fill-in lines were placed midway between existing lines from 4+00E to 9+00E. These were sampled at 25 meter intervals from 0+50N to 3+50N. Fill-in samples were also collected on the existing lines, collecting samples midway between previous ones. The result of this sampling was a sample density of 25 m x



50 m. This grid totalled approximately 3.5 line kms, including re-marking the baseline.

A number of reconnaissance soil samples were collected along the lower road on Gold Mine Claim, around the gossan area in Area 2, and along the western claim boundary.

All samples were collected, using a mattock, from depths ranging from 8 cm to 30 cm, depending on the depth to the talus. Each was placed in a kraft paper envelope marked at to the sample location, and stored for shipment to the assayer. A total of 271 soil samples were collected.

All samples were sent to Chemex Laboratories Ltd., 212 Brooksbank Avenue, North Vancouver for assaying. All samples were assayed for 32 elements by the I.C.P. method as well as for gold by fire assay - atomic absorption finish. Assay certificates accompany this report as Appendix II.

The assay results for grid 5 (Figure 5) show a number of scattered weak gold anomalies as well as several significant ones. The latter are: at 8+00N, 1+00E - 80 ppb Au; at 8+50N, 3+100W - 65 ppb Au, 225 ppm As; and 9+50N, 3+50W - 120 ppb Au, 100 ppm As. The latter area is within a northeast trending arsenic anomaly defined by assays of 100, 50, and 105 ppm As on three consecutive lines.

Grid 6 assay results (Figures 7) increases the areas of weakly anomalous gold, but they do not develop any well defined trends. Since the previous sampling recorded highly anomalous gold values over the granodiorite, it is suggested that grid 6 is either underlain by a shallow segment of the intrusive or is cut by dykes from it which are hidden by overburden.

ROCK SAMPLES AND ASSAYS

**TABLE 1**  
Rock Sample Assay Results

Sample No.	Type	Width(m)	Assay		Description
			Au(ppb)	Ag(ppm)	
HJ 1	Chip	1.5	225	< 0.2	Gossan near 4+50N, 3+00E - Sheared gossanous tuffs(?) and argillite, measured from hanging wall.
HJ 2	Chip	1.5	515	0.2	Continuation of above to west - same geology.
HJ 3	Chip	1.5	300	0.6	Continuation of above - soft, limy tuffs, with carbonate bands.
G 2	Specimen	-	950	0.4	Quartz nodules from above shear zone tested by Sample HJ 1-3, vuggy, FeOx, minor pyrite.
G 3	Specimen	-	3150	1.4	Quartz breccia from same shear, leached sulphide casts.
G 4	Specimen	-	435	0.4	Hornfelsic argillite with thin seams quartz, some with up to 5% pyrite, location 50 m east of shear zone.
G 5	Specimen	-	1760	1.0	From shear zone - quartz with FeOx sulphide casts, no visible sulphides.
G 6	Specimen	-	4450	1.8	From shear, large sample leached vuggy quartz, up to 25% FeOx casts, very minor pyrite remaining.
G 7	Specimen	-	1170	0.6	From shear massive quartz, no vuggs.
HJ 4	Chip	3.0	510	< 0.2	From shear zone near 5+00N, 0+70E - sheared, limonite, clay altered argillite(?), bands carbonate up to 8 cm wide. Eastern part of shear.
HJ 5	Chip	1.5	135	< 0.2	Continuation to west.
HJ 6	Specimen	-	30	< 0.2	Specimen iron-rich gossan from within section sampled by Sample HJ 5.

In addition to the above, rock samples BRX 1 to BRX 7 were collected in Area 5 as random chips over areas measuring approximately 6 m x 6 m. These were taken to test argillaceous rocks accompanied by narrow calcite veining and an occasional quartz veinlet, all accompanied by appreciable iron staining. These were collected to check on the association of gold with the carbonate alteration. Assays ranged from <5 ppb to 30 ppb gold and all were <0.2 ppm silver, indicating the lack of precious metals with the calcite veining.

### DISCUSSION OF RESULTS

Geochemical soil sampling continues to indicate the presence of scattered areas containing significant gold values in the soils. Due to poor outcrop exposure, the source of the gold is not obvious. The gold anomalies in area 6 may reflect quartz veining associated with the granodiorite intrusive, similar to those being explored on the adjoining Banbury Gold mine property.

Chip samples and specimens taken from the gossan zone in area 2 confirm the presence of gold within this shear structure. It definitely warrants additional exploration - geophysical surveys to delimit the structure followed by diamond drilling.

The shear located near 5+00N, 0+70E also returned a significant gold assay. Since this is located on a road, it should be opened up with a backhoe or bulldozer to make a better exposure. It may then warrant trenching along strike.

### CONCLUSION

It is concluded that there are sufficient areas of interest on the Gold Mine and Gold Hill Claims to permit a detailed geophysical program followed by trenching and/or drilling of all areas of interest.

Respectfully submitted,

A circular professional seal for Harold M. Jones, a Professional Engineer in the Province of Ontario. The seal contains the text "PROFESSIONAL ENGINEER OF THE PROVINCE OF ONTARIO" around the perimeter and "H. M. JONES" in the center. A signature is written across the seal.  
Harold M. Jones, P. Eng.

**HAROLD M. JONES & ASSOCIATES INC.**

## REFERENCES

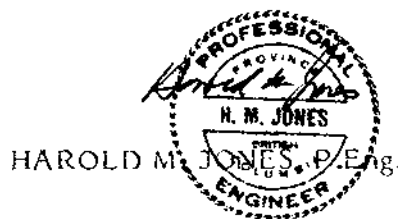
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## CERTIFICATE

I, Harold M. Jones, of the City of Vancouver, British Columbia, do hereby certify that:

1. I am a Consulting Geological Engineer with offices at #605 - 602 West Hastings Street, Vancouver, B.C.
2. I am a graduate of the University of British Columbia in Geological Engineering, 1956.
3. I have practised my profession as a Geological Engineer for over 30 years.
4. I am a member of the Association of Professional Engineers of British Columbia, Registration No. 4681.
5. I examined the Gold Mine and Gold Hill claims between October 13-17, 1982, conducted geological mapping and supervised a soil sampling program on the claims. Between September 17-30, 1985 I conducted geological mapping and supervised a magnetometer survey on the same claims. Between August 7 to 9, 1987 I conducted limited geological mapping on the property. Between July 28-31, 1988, I conducted limited geological mapping on parts of the property.

Dated at Vancouver, B.C. this 1st day of November, 1988.



## STATEMENT OF QUALIFICATIONS

I, Brian Fenwick-Wilson of Mount Baldy Ski Area, Box 687, Osoyoos, B.C. do hereby certify that:

1. I took two years geology at Lancing College, England.
2. I have been engaged as a prospector and geological technician for 41 years. My career to date in the mineral exploration field may be summarized as follows:
  - (a) 1946-1952 Self-employed prospector
  - (b) 1952-1966 Exploration Manager and Director of several syndicates and private companies
  - (c) 1967 Utica Mines and Exploration Syndicates
  - (d) 1967-1971 Amax Exploration
  - (e) 1971-1973 Cerro de Pasco
  - (f) 1974 Newmont Mining and private companies
  - (g) 1975-1977 Self-employed and with two exploration syndicates
  - (h) 1978-1979 Director of American Fluorite and a Director and Exploration Manager of other public companies
  - (i) 1980-1988 Director and Exploration Manager of numerous public and private companies
  - (j) I have conducted many and extensive exploration programmes during the past 16 years.
3. I supervised and actively participated in the exploration program on the Gold Mine and Gold Hill claims between June 1 to August 10, 1987, and between July 22 - August 3, 1988.

B. Fenwick-Wilson

*B. Fenwick-Wilson*

Geologic Technician and  
Prospector

APPENDIX I

STATEMENT OF EXPENDITURES

A P P E N D I X    I

**STATEMENT OF EXPENDITURES**

(Costs Supplied by Philex Gold and Energy Corp.)

**Wages:**

M. Fenwick-Wilson, field assistant July 27-31, Aug 1-3 inclusive 8 days @ \$100/day	\$ 800	
A. Reuter, field assistant July 28-31 inclusive, August 1-2 6 days @ \$60/day	360	
S. Fenwick-Wilson, field assistant July 30-31, August 1 2½ days @ \$90/day	220	
B. Fenwick-Wilson, supervisor and geological technician, July 22-24, 27-31, August 1-3, inclusive 11 days @ \$125/day	1,375	
H.M. Jones, consulting geologist July 28-31 inclusive 4 days @ \$400/day	<u>1,600</u>	\$ 4,355

**Room and board:**

Golden Dawn Motel - accommodation and meals	841.44	
Miscellaneous meals, lunches, etc.	<u>53.70</u>	895.14

**Mobilization and demobilization:**

By bus, private vehicles, etc.		351.14
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**Vehicles:**

Pick-up, 4 days @ \$25/day	100.00	
4x4 Landcruiser, 12 days @ \$40/day	480.00	
Gas and diesel for vehicles	<u>365.71</u>	945.71

**Field supplies:**

Hip chain thread, flagging, soil bags, etc.		124.35
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**Bulldozer:**

Road maintenance, 1 day		600.00
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**Assays:**

271 soil samples @ \$14.50/sample - 32 element ICP + gold	3,929.50	
20 rock samples @ \$16.50/sample - 32 element ICP + gold	330.00	
Freight on samples	<u>11.50</u>	4,271.00

**Report and maps:**

Report and map preparation	800.00	
Drafting	100.00	
Secretarial, xeroxing, etc.	<u>100.00</u>	<u>1,000.00</u>

**TOTAL EXPENDITURES**

\$12,542.34



APPENDIX II

ASSAY CERTIFICATES



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0111

To: PHILEX GOLD & ENERGY CORP.

4529 A E. HASTINGS ST.  
BURNABY, BC  
V5C 2K3

Project: HEDLEY

Comments: B A FENWICK-WILSON

Page No.: 1-A

Tot. Pages: 1

Date: 22-AUG-88

Invoice #: I-8821030

P.O. #: NONE

## ROCK SAMPLES

## CERTIFICATE OF ANALYSIS A8821030

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
BRX 1	205 238	10	0.51	< 0.2	45	20	< 0.5	< 2	>15.00	2.5	9	145	73	1.38	20	< 1	0.03	< 10	0.49	1915
BRX 1 A	205 238	< 5	1.82	< 0.2	5	70	0.5	2	7.96	< 0.5	8	28	23	2.68	10	< 1	0.10	< 10	1.49	1185
BRX 2	205 238	< 5	0.88	< 0.2	< 5	30	0.5	< 2	12.00	< 0.5	8	83	70	1.93	20	< 1	0.05	< 10	0.71	1645
BRX 3	205 238	< 5	1.07	< 0.2	< 5	30	< 0.5	< 2	12.70	< 0.5	6	48	39	1.79	20	< 1	0.04	< 10	0.81	1400
BRX 4	205 238	30	1.19	< 0.2	315	20	0.5	< 2	10.30	1.0	8	36	100	2.68	20	< 1	0.09	< 10	0.92	1285
BRX 5	205 238	10	2.89	< 0.2	20	40	1.5	< 2	1.63	< 0.5	16	67	65	4.88	10	1	0.07	< 10	2.03	1220
BRX 6	205 238	5	2.81	< 0.2	25	30	1.0	< 2	1.61	< 0.5	16	72	68	4.81	10	< 1	0.06	< 10	1.97	1195
BRX 7	205 238	15	0.15	< 0.2	20	10	0.5	< 2	>15.00	14.0	8	112	83	1.31	20	< 1	< 0.01	< 10	0.14	2690
H. J. 1	205 238	225	0.28	< 0.2	975	40	2.0	< 2	1.31	7.0	7	72	38	6.27	< 10	1	0.08	< 10	0.09	448
H. J. 2	205 238	515	0.22	0.2	975	50	0.5	< 2	0.56	6.0	3	101	56	5.27	< 10	< 1	0.10	< 10	0.04	217
H. J. 3	205 238	300	0.16	0.6	310	30	0.5	< 2	0.23	1.0	< 1	40	32	3.28	< 10	< 1	0.08	< 10	0.02	39
H. J. 4	205 238	510	0.59	< 0.2	45	50	0.5	4	5.83	0.5	8	33	54	2.60	10	< 1	0.05	< 10	0.37	678
H. J. 5	205 238	135	0.59	< 0.2	25	50	0.5	< 2	5.73	< 0.5	4	35	32	2.27	10	2	0.05	< 10	0.38	571
H. J. 6	205 238	30	0.05	< 0.2	25	150	< 0.5	< 2	>15.00	< 0.5	5	19	33	1.58	30	< 1	0.02	< 10	1.00	1895
G 2	205 238	950	0.09	0.4	590	10	0.5	2	0.79	< 0.5	2	131	10	3.68	< 10	3	0.01	< 10	0.03	102
G 3	205 238	3150	0.15	1.4	990	30	< 0.5	2	0.12	< 0.5	2	126	7	4.13	< 10	3	0.08	< 10	0.01	56
G 4	205 238	435	2.26	0.4	85	50	< 0.5	< 2	1.74	< 0.5	14	103	98	3.71	10	< 1	0.03	< 10	1.69	930
G 5	205 238	1760	0.14	1.0	1110	30	0.5	< 2	0.10	< 0.5	2	79	9	5.26	< 10	< 1	0.10	< 10	0.02	36
G 6	205 238	4450	0.10	1.8	445	20	< 0.5	2	0.03	< 0.5	< 1	143	3	1.64	< 10	< 1	0.07	< 10	< 0.01	15
G 7	205 238	1170	0.06	0.6	945	10	0.5	< 2	0.03	< 0.5	4	103	10	4.32	< 10	< 1	0.02	< 10	< 0.01	34

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A E. HASTINGS ST.  
BURNABY, BC  
V5C 2K1

Project: HEDLEY

Comments: CC: B A FENWICK-WILSON

Page No. 1-B

Tot. Pages: 1

Date: 22-AUG-88

Invoice #: I-8821030

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8821030

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
BRX 1	205	238	2	0.01	32	300	6	< 5	1	636	< 0.01	< 10	< 10	21	15	110
BRX 1 A	205	238	< 1	0.04	10	620	< 2	< 5	5	239	< 0.01	< 10	< 10	77	15	54
BRX 2	205	238	2	0.02	19	530	4	< 5	2	633	< 0.01	< 10	< 10	24	10	55
BRX 3	205	238	1	0.02	16	670	4	5	3	546	0.01	< 10	< 10	36	10	54
BRX 4	205	238	1	0.01	8	670	14	< 5	2	291	< 0.01	< 10	< 10	33	5	96
BRX 5	205	238	2	0.08	15	850	< 2	< 5	12	70	0.14	< 10	< 10	163	10	95
BRX 6	205	238	2	0.07	15	820	< 2	< 5	11	69	0.14	< 10	< 10	155	10	95
BRX 7	205	238	2	0.01	19	150	4	< 5	1	708	< 0.01	< 10	10	8	10	470
H. J. 1	205	238	28	0.01	28	520	< 2	< 5	2	26	< 0.01	< 10	< 10	20	20	1380
H. J. 2	205	238	31	< 0.01	25	490	< 2	< 5	1	19	< 0.01	< 10	< 10	9	20	1035
H. J. 3	205	238	36	0.01	22	340	14	< 5	1	32	< 0.01	< 10	< 10	9	15	469
H. J. 4	205	238	2	0.01	28	730	10	< 5	2	208	< 0.01	< 10	< 10	12	5	100
H. J. 5	205	238	3	0.01	13	460	< 2	< 5	1	110	< 0.01	< 10	< 10	7	< 5	71
H. J. 6	205	238	2	0.01	9	240	8	< 5	1	795	< 0.01	< 10	< 10	3	15	42
G 2	205	238	4	< 0.01	5	110	< 2	< 5	< 1	23	< 0.01	< 10	< 10	4	20	102
G 3	205	238	8	< 0.01	3	80	10	< 5	< 1	8	< 0.01	< 10	< 10	6	10	163
G 4	205	238	3	0.06	22	970	< 2	< 5	4	47	0.20	< 10	< 10	105	25	101
G 5	205	238	10	0.01	4	170	< 2	< 5	< 1	10	< 0.01	< 10	< 10	7	10	300
G 6	205	238	3	< 0.01	< 1	20	< 2	< 5	< 1	3	< 0.01	< 10	< 10	3	5	52
G 7	205	238	2	< 0.01	7	80	4	< 5	< 1	3	< 0.01	< 10	< 10	3	5	56

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 712 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
 PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
 BURNABY, BC  
 V5C 2K3

Project: HEDLEY  
 Comments: B A FENWICK WILSON

Page No. 1-A  
 Tot. Pages: 7  
 Date: 22-AUG-88  
 Invoice #: 1-8821031  
 P.O. #: NONE

## SOIL SAMPLES

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA-AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
A01	201 238	10	2.54	0.8	20	210	<0.5	<2	0.96	<0.5	16	29	207	3.86	10	<1	0.10	20	0.54	1195
A30	201 238	20	0.98	2.2	30	120	<0.5	<2	1.77	<0.5	18	18	143	5.14	10	1	0.10	20	0.24	497
A60	201 238	10	1.62	0.2	35	110	<0.5	<2	1.00	<0.5	19	17	66	2.79	<10	2	0.08	10	0.36	820
A90	201 238	30	2.03	0.2	50	160	<0.5	<2	2.19	<0.5	73	27	347	5.88	10	2	0.07	20	0.89	2020
A115	201 238	30	2.53	<0.2	25	230	<0.5	2	2.91	<0.5	61	33	364	4.99	10	<1	0.08	10	0.94	1720
B01	201 238	<5	1.57	0.2	5	80	<0.5	<2	0.40	<0.5	9	17	32	2.61	<10	1	0.14	10	0.54	435
B02	201 238	<5	1.82	1.2	40	80	<0.5	<2	0.79	0.5	16	21	123	5.23	<10	<1	0.15	20	1.04	1025
B03	201 238	10	1.72	0.4	25	60	<0.5	<2	0.51	<0.5	12	22	87	4.09	<10	<1	0.13	10	0.97	595
B04	201 238	15	1.94	0.2	45	90	<0.5	2	0.47	<0.5	11	22	70	3.84	<10	<1	0.17	10	0.73	511
B05	201 238	15	2.58	0.2	<5	130	<0.5	4	0.38	<0.5	12	22	50	3.39	<10	<1	0.16	10	0.73	373
B6 A	201 238	5	1.25	<0.2	<5	190	<0.5	2	0.23	0.5	3	6	8	1.46	<10	<1	0.10	<10	0.23	1525
B6 B	201 238	<5	2.11	0.2	5	130	<0.5	2	0.56	<0.5	11	22	63	3.57	<10	<1	0.16	10	0.88	521
B07	201 238	35	1.90	1.4	65	120	<0.5	<2	0.55	<0.5	20	30	219	8.03	10	<1	0.08	30	0.53	1400
B08	201 238	45	2.61	1.6	10	50	<0.5	<2	0.48	<0.5	17	25	104	8.10	10	<1	0.08	20	2.13	804
B09	201 238	55	0.72	5.0	10	90	<0.5	<2	0.67	1.0	24	19	384	8.55	10	<1	0.08	30	0.16	1785
B10	201 238	15	2.40	1.0	30	120	<0.5	<2	0.63	<0.5	13	25	132	4.47	<10	<1	0.20	20	0.96	605
B11	201 238	140	1.02	3.0	235	90	<0.5	<2	0.57	1.5	20	10	219	8.78	10	<1	0.10	30	0.28	1090
B12	201 238	5	2.26	0.8	<5	170	<0.5	<2	0.67	0.5	14	17	49	3.14	<10	<1	0.09	10	0.56	2040
B13	201 238	<5	2.79	0.2	<5	120	<0.5	<2	0.19	<0.5	9	14	20	2.17	<10	<1	0.05	10	0.35	317
G01	201 238	>10000	0.79	32.4	>10000	70	<0.5	<2	1.60	>99.9	54	1	4790	>15.00	20	<1	0.03	30	0.29	1810
BRX4 #S1	201 238	75	2.72	0.4	215	170	<0.5	<2	0.74	1.5	12	12	87	3.59	10	<1	0.35	20	0.61	1380
L6+00N 0+00E	201 238	<5	3.07	0.4	25	140	<0.5	<2	0.47	<0.5	10	25	50	3.36	<10	3	0.08	10	0.81	369
L6+00N 0+50E	201 238	55	2.97	0.4	30	140	<0.5	4	0.51	<0.5	16	25	90	4.02	10	1	0.12	20	1.03	479
L6+00N 1+00E	201 238	<5	2.57	0.8	15	170	<0.5	<2	0.62	<0.5	11	22	62	3.48	<10	2	0.16	20	0.81	681
L6+00N 1+50E	201 238	<5	2.74	0.2	30	160	<0.5	<2	0.46	<0.5	13	26	87	4.55	<10	<1	0.12	20	0.93	386
L6+00N 2+00E	201 238	<5	2.96	<0.2	15	130	<0.5	<2	0.48	<0.5	12	24	64	3.56	<10	<1	0.19	10	0.80	329
L6+00N 0+50W	201 238	30	2.51	0.6	60	90	<0.5	<2	0.57	<0.5	15	32	108	4.27	<10	1	0.07	20	1.31	728
L6+00N 1+00W	201 238	<5	2.58	0.2	5	140	<0.5	<2	0.44	<0.5	12	17	30	2.55	<10	<1	0.06	10	0.51	1170
L6+00N 1+50W	201 238	5	2.67	0.8	20	100	<0.5	<2	0.92	<0.5	20	32	102	4.32	<10	2	0.11	20	1.11	675
L6+00N 2+00W	201 238	<5	2.48	<0.2	<5	160	<0.5	<2	0.39	<0.5	8	17	21	2.22	<10	<1	0.06	10	0.42	290
L6+00N 2+50W	201 238	<5	1.88	<0.2	10	140	<0.5	<2	0.35	<0.5	3	13	16	1.71	<10	<1	0.06	10	0.30	447
L6+00N 3+00W	201 238	<5	2.07	<0.2	<5	80	<0.5	<2	0.20	<0.5	4	5	12	1.24	<10	<1	0.03	10	0.14	703
L6+00N 3+50W	201 238	<5	2.45	<0.2	10	120	<0.5	4	0.44	<0.5	10	15	25	2.41	<10	1	0.08	10	0.43	822
L6+00N 4+00W	201 238	20	3.29	<0.2	20	120	<0.5	<2	0.47	<0.5	14	26	89	3.94	<10	<1	0.09	20	0.90	531
L6+00N 4+50W	201 238	<5	1.73	<0.2	5	80	<0.5	<2	0.35	<0.5	2	12	23	1.61	<10	<1	0.04	<10	0.22	756
L6+00N 5+00W	201 238	10	2.72	<0.2	<5	110	<0.5	<2	0.68	0.5	11	28	98	3.20	<10	<1	0.14	10	0.61	555
L6+00N 5+50W	201 238	<5	3.08	<0.2	25	70	<0.5	<2	0.20	<0.5	9	19	37	2.81	<10	1	0.05	10	0.46	257
L6+00N 6+00W	201 238	<5	2.37	<0.2	10	140	<0.5	<2	0.44	<0.5	9	22	31	2.82	<10	1	0.10	10	0.51	383
L6+00N 0+50E	201 238	<5	2.49	<0.2	10	140	<0.5	<2	0.31	<0.5	8	18	15	2.47	<10	<1	0.07	<10	0.44	533
L6+00N 1+00E	201 238	<5	2.27	<0.2	<5	130	<0.5	<2	0.29	<0.5	1	19	19	2.23	<10	1	0.05	<10	0.41	540

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
BURNABY, BC  
V5C 2K3

Project: HEDLEY

Comments: CC: B A FENWICK WILSON

Page No.: 1-B

Tot. Pages: 7

Date: 22-AUG-88

Invoice #: I-8821031

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A01	201 238	6	0.03	65	870	34	< 5	6	72	0.08	< 10	< 10	42	< 5	249
A30	201 238	17	0.02	42	700	32	< 5	4	57	0.03	< 10	< 10	46	10	260
A60	201 238	< 1	0.04	19	520	32	< 5	5	69	0.10	< 10	< 10	57	< 5	107
A90	201 238	3	0.02	59	890	88	< 5	15	66	0.01	< 10	< 10	93	10	178
A115	201 238	2	0.02	57	620	44	< 5	14	107	0.11	< 10	< 10	103	10	150
B01	201 238	1	0.03	18	290	16	< 5	4	35	0.09	< 10	< 10	55	< 5	80
B02	201 238	4	0.02	50	590	12	< 5	7	51	0.05	< 10	< 10	59	10	199
B03	201 238	3	0.04	25	770	10	< 5	6	47	0.08	< 10	< 10	70	< 5	119
B04	201 238	1	0.03	28	680	10	< 5	6	49	0.08	< 10	< 10	60	< 5	111
B05	201 238	< 1	0.03	27	630	10	< 5	6	45	0.10	< 10	< 10	67	< 5	90
B6 A	201 238	1	0.02	7	1020	10	< 5	2	25	0.05	< 10	< 10	23	< 5	109
B6 B	201 238	1	0.03	27	800	8	< 5	6	46	0.07	< 10	< 10	72	5	106
B07	201 238	9	0.02	178	900	22	< 5	9	53	0.03	< 10	< 10	64	5	528
B08	201 238	6	0.01	42	800	30	< 5	9	37	0.01	< 10	10	58	5	118
B09	201 238	8	0.01	206	1320	56	< 5	7	53	< 0.01	< 10	< 10	24	5	426
B10	201 238	1	0.04	31	540	14	< 5	9	62	0.10	< 10	< 10	96	< 5	110
B11	201 238	65	< 0.01	89	740	26	< 5	7	53	< 0.01	< 10	10	47	5	405
B12	201 238	3	0.03	17	900	16	< 5	5	59	0.08	< 10	< 10	54	< 5	145
B13	201 238	< 1	0.03	22	1230	14	< 5	3	31	0.10	< 10	< 10	36	< 5	117
Q01	201 238	20	< 0.01	36	950	224	< 5	4	74	< 0.01	< 10	20	15	20	6640
BROX #S1	201 238	< 1	0.03	16	620	20	< 5	5	58	0.11	< 10	< 10	57	5	209
L6+00N 0+00E	201 238	1	0.03	23	450	4	< 5	7	52	0.12	< 10	< 10	87	5	86
L6+00N 0+30E	201 238	< 1	0.02	24	400	6	< 5	8	50	0.09	< 10	< 10	99	15	93
L6+00N 1+00E	201 238	3	0.03	28	790	6	< 5	6	58	0.10	< 10	< 10	73	10	118
L6+00N 1+30E	201 238	3	0.03	33	360	22	< 5	7	50	0.10	< 10	< 10	81	15	128
L6+00N 2+00E	201 238	2	0.04	22	310	14	< 5	6	43	0.13	< 10	< 10	79	5	74
L6+00N 0+50W	201 238	1	0.02	27	570	16	< 5	9	52	0.06	< 10	< 10	99	5	99
L6+00N 1+00W	201 238	< 1	0.03	18	1200	10	< 5	4	46	0.09	< 10	< 10	50	< 5	98
L6+00N 1+50W	201 238	3	0.04	34	460	20	< 5	10	75	0.10	< 10	< 10	92	10	114
L6+00N 2+00W	201 238	1	0.04	15	460	16	< 5	4	39	0.10	< 10	< 10	42	< 5	71
L6+00N 2+50W	201 238	1	0.03	13	1400	12	< 5	2	38	0.08	< 10	< 10	33	< 5	76
L6+00N 3+00W	201 238	1	0.04	4	1210	16	< 5	2	17	0.09	< 10	< 10	24	< 5	56
L6+00N 3+50W	201 238	1	0.04	12	1190	6	< 5	3	35	0.10	< 10	< 10	45	< 5	91
L6+00N 4+00W	201 238	3	0.03	21	370	30	< 5	7	49	0.14	< 10	< 10	91	< 5	102
L6+00N 4+50W	201 238	< 1	0.05	11	1120	< 2	< 5	2	27	0.08	< 10	< 10	33	< 5	92
L6+00N 5+00W	201 238	1	0.04	25	660	14	< 5	6	54	0.15	< 10	< 10	63	< 5	140
L6+00N 5+50W	201 238	2	0.03	17	1390	4	< 5	4	21	0.12	< 10	< 10	58	< 5	99
L6+00N 6+00W	201 238	2	0.02	16	660	12	< 5	4	40	0.13	< 10	< 10	62	< 5	95
L6+50N 0+50E	201 238	2	0.03	21	480	8	< 5	3	35	0.12	< 10	< 10	51	< 5	84
L6+50N 1+00E	201 238	5	0.03	11	290	8	< 5	3	31	0.08	< 10	< 10	41	< 5	96

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
BURNABY, BC  
V5C 2K3

Project: HEMLEY

Comments: CU: B A FENWICK WILSON

Page No. 2-A

Tot Pages 7

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Invoice #: I-8821031

P.O. # NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppn	As ppn	Ba ppn	Be ppn	Bi ppn	Ca %	Cd ppn	Co ppn	Cr ppn	Cu ppn	Fe %	Ga ppn	Hg ppn	K %	La ppn	Mg %	Mn ppm
L6+SON 1+SOE	201 238	< 5	1.84	< 0.2	< 5	170	< 0.5	< 2	0.24	0.5	8	18	15	1.80	< 10	1	0.05	< 10	0.33	1030
L6+SON 2+OOE	201 238	30	1.95	2.4	75	80	< 0.5	< 2	0.59	0.5	25	25	191	6.55	< 10	< 1	0.06	20	0.76	686
L6+SON 0+OOV	201 238	< 5	2.05	0.4	5	130	< 0.5	4	0.27	< 0.5	11	17	28	2.25	< 10	< 1	0.06	10	0.43	460
L6+SON 0+SOV	201 238	< 5	3.29	0.2	35	120	< 0.5	4	0.38	< 0.5	14	19	41	3.11	< 10	1	0.09	10	0.58	702
L6+SON 1+OOV	201 238	< 5	2.12	< 0.2	10	120	< 0.5	4	0.48	< 0.5	9	16	18	2.44	< 10	< 1	0.09	10	0.41	776
L6+SON 1+SOV	201 238	< 5	2.69	0.4	20	170	< 0.5	< 2	0.43	< 0.5	11	24	30	2.83	< 10	1	0.10	10	0.55	474
L6+SON 2+OOV	201 238	5	2.65	0.4	30	160	< 0.5	4	0.28	< 0.5	11	19	31	2.54	< 10	< 1	0.12	10	0.53	470
L6+SON 2+SOV	201 238	< 5	2.86	0.4	15	180	< 0.5	< 2	0.38	< 0.5	10	14	38	2.49	< 10	< 1	0.10	10	0.51	643
L6+SON 3+OOV	201 238	< 5	2.70	0.2	30	180	< 0.5	< 2	0.44	< 0.5	14	13	48	2.76	< 10	< 1	0.11	10	0.60	1100
L6+SON 3+SOV	201 238	< 5	3.46	0.2	15	190	< 0.5	4	0.39	< 0.5	12	13	38	2.55	< 10	1	0.08	10	0.45	608
L6+SON 4+OOV	201 238	< 5	2.99	0.2	20	180	< 0.5	< 2	0.65	< 0.5	15	16	45	2.95	< 10	< 1	0.16	10	0.55	1100
L6+SON 4+SOV	201 238	20	2.22	0.6	< 5	100	< 0.5	< 2	0.69	< 0.5	11	17	93	2.82	< 10	3	0.15	20	0.60	558
L6+SON 5+OOV	201 238	10	2.96	0.2	20	130	< 0.5	< 2	0.60	< 0.5	14	15	45	2.63	< 10	1	0.09	10	0.47	617
L6+SON 5+SOV	201 238	5	3.31	0.2	20	180	< 0.5	< 2	0.39	< 0.5	14	17	31	2.99	< 10	2	0.06	10	0.55	425
L6+SON 6+OOV	201 238	< 5	2.82	< 0.2	5	140	< 0.5	< 2	0.35	< 0.5	12	18	39	2.73	< 10	3	0.07	10	0.52	512
L7+OON 0+SOE	201 238	< 5	2.55	0.2	5	200	< 0.5	< 2	0.39	< 0.5	10	17	19	2.78	< 10	< 1	0.07	10	0.43	408
L7+OON 1+OOE	201 238	10	2.42	0.6	15	120	< 0.5	< 2	0.57	< 0.5	14	20	57	3.51	< 10	3	0.10	20	0.69	368
L7+OON 1+SOE	201 238	< 5	2.43	0.2	< 5	140	< 0.5	< 2	0.45	< 0.5	12	17	38	2.96	< 10	< 1	0.12	10	0.56	310
L7+OON 2+OOE	201 238	35	2.22	0.2	5	140	< 0.5	< 2	0.41	0.5	13	13	52	3.13	< 10	1	0.09	10	0.43	456
L7+OON 2+SOE	201 238	< 5	0.23	< 0.2	< 5	40	< 0.5	18	>15.00	1.0	4	3	17	0.28	< 10	< 1	0.01	< 10	0.21	365
L7+OON 3+OOE	201 238	< 5	2.23	< 0.2	10	210	< 0.5	4	0.57	< 0.5	13	18	44	3.34	< 10	1	0.34	10	0.72	1375
L7+OON 3+SOE	201 238	< 5	1.31	< 0.2	15	230	< 0.5	2	0.57	< 0.5	5	6	17	1.43	< 10	< 1	0.09	10	0.18	1055
L7+OON 0+OOV	201 238	< 5	1.96	0.2	15	130	< 0.5	6	0.45	2.0	7	9	25	2.29	< 10	< 1	0.07	10	0.34	464
L7+OON 0+SOV	201 238	< 5	1.85	0.2	5	110	< 0.5	< 2	0.44	< 0.5	7	9	19	2.09	< 10	1	0.13	10	0.35	408
L7+OON 1+OOV	201 238	10	2.60	< 0.2	5	150	< 0.5	< 2	0.50	< 0.5	10	18	46	3.05	< 10	< 1	0.16	10	0.63	462
L7+OON 1+SOV	201 238	10	2.92	0.2	40	160	< 0.5	< 2	0.50	< 0.5	10	21	45	3.47	< 10	1	0.09	10	0.72	486
L7+OON 2+OOV	201 238	< 5	2.52	< 0.2	10	150	< 0.5	< 2	0.41	< 0.5	10	12	29	2.49	< 10	< 1	0.09	10	0.44	378
L7+OON 2+SOV	201 238	< 5	2.19	0.2	15	200	< 0.5	4	0.50	< 0.5	8	8	21	1.81	< 10	< 1	0.07	10	0.33	1345
L7+OON 3+OOV	201 238	10	3.05	0.4	15	160	< 0.5	< 2	0.59	< 0.5	14	22	76	4.03	< 10	< 1	0.17	20	0.78	590
L7+OON 3+SOV	201 238	10	2.11	0.2	10	100	< 0.5	< 2	0.62	< 0.5	7	11	36	1.94	< 10	< 1	0.09	10	0.39	877
L7+OON 4+OOV	201 238	< 5	1.81	< 0.2	15	220	< 0.5	2	0.61	0.5	7	7	22	1.67	< 10	2	0.08	10	0.25	1585
L7+OON 4+SOV	201 238	< 5	2.41	< 0.2	15	140	< 0.5	< 2	0.69	< 0.5	17	16	69	3.12	< 10	< 1	0.10	10	0.53	912
L7+OON 5+OOV	201 238	< 5	1.60	0.2	< 5	150	< 0.5	< 2	0.38	< 0.5	7	8	21	1.56	< 10	< 1	0.07	10	0.20	838
L7+OON 5+SOV	201 238	< 5	2.53	0.2	< 5	190	< 0.5	< 2	0.45	< 0.5	8	17	23	2.32	< 10	< 1	0.09	10	0.44	554
L7+OON 6+OOV	201 238	< 5	2.82	0.2	5	170	< 0.5	< 2	0.53	< 0.5	13	22	43	3.27	< 10	< 1	0.10	10	0.79	442
L7+SON 0+SOE	201 238	5	2.69	0.4	15	130	< 0.5	< 2	0.36	< 0.5	12	18	34	3.02	< 10	< 1	0.15	10	0.58	322
L7+SON 1+OOE	201 238	10	2.62	0.2	20	150	< 0.5	< 2	0.44	< 0.5	13	20	57	3.68	< 10	2	0.11	10	0.66	345
L7+SON 1+SOE	201 238	< 5	2.50	0.4	15	140	< 0.5	< 2	0.54	< 0.5	11	20	63	3.61	< 10	1	0.18	20	0.80	525
L7+SON 2+OOE	201 238	< 5	1.90	< 0.2	< 5	110	< 0.5	< 2	0.41	< 0.5	11	18	45	2.85	< 10	< 1	0.17	10	0.54	806
L7+SON 2+SOE	201 238	20	0.65	< 0.2	10	40	< 0.5	14	>15.00	1.0	5	8	31	1.22	< 10	< 1	0.05	< 10	0.40	308

CERTIFICATION :



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
BURNABY, BC  
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Project: HEDLEY

Comments: CC: B. A. FENWICK WILSON

Page No.: 2-B

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## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti ppm	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L6+SON 1+SOE	201 238	3	0.03	12	610	8	< 5	2	25	0.07	< 10	< 10	36	< 5	60
L6+SON 2+OOE	201 238	8	0.01	59	510	40	< 5	9	43	0.03	< 10	< 10	54	< 5	241
L6+SON 0+OOV	201 238	< 1	0.03	23	740	< 2	< 5	3	31	0.09	< 10	10	49	< 5	91
L6+SON 0+SOV	201 238	< 1	0.03	21	1220	4	< 5	4	39	0.13	< 10	< 10	73	25	96
L6+SON 1+OOV	201 238	< 1	0.03	14	390	< 2	< 5	3	42	0.10	< 10	< 10	47	10	135
L6+SON 1+SOV	201 238	< 1	0.03	16	700	6	< 5	4	41	0.11	< 10	< 10	58	20	93
L6+SON 2+OOV	201 238	< 1	0.03	19	910	12	< 5	4	32	0.11	< 10	< 10	52	5	88
L6+SON 2+SOV	201 238	1	0.05	13	720	8	< 5	4	38	0.12	< 10	< 10	50	< 5	76
L6+SON 3+OOV	201 238	< 1	0.03	20	1040	14	< 5	4	50	0.10	< 10	< 10	52	10	113
L6+SON 3+SOV	201 238	1	0.04	19	810	2	< 5	4	44	0.13	< 10	< 10	47	10	84
L6+SON 4+OOV	201 238	< 1	0.03	19	850	10	< 5	5	57	0.11	< 10	< 10	57	10	124
L6+SON 4+SOV	201 238	< 1	0.04	23	630	8	< 5	5	53	0.11	< 10	< 10	60	20	98
L6+SON 5+OOV	201 238	< 1	0.03	11	1260	20	< 5	3	51	0.13	< 10	< 10	61	< 5	95
L6+SON 5+SOV	201 238	< 1	0.05	7	470	26	< 5	4	40	0.16	< 10	< 10	70	< 5	85
L6+SON 6+OOV	201 238	1	0.04	15	530	12	< 5	4	25	0.13	< 10	< 10	71	< 5	113
L7+OON 0+SOE	201 238	1	0.04	13	190	8	< 5	3	42	0.12	< 10	< 10	55	< 5	104
L7+OON 1+OOE	201 238	1	0.02	28	530	8	< 5	7	50	0.11	< 10	< 10	70	< 5	111
L7+OON 1+SOE	201 238	< 1	0.03	16	480	10	< 5	5	44	0.11	< 10	< 10	60	< 5	88
L7+OON 2+OOE	201 238	1	0.04	46	680	18	< 5	4	49	0.08	< 10	< 10	44	< 5	192
L7+OON 2+SOE	201 238	< 1	0.02	4	1040	12	5	< 1	261	< 0.01	< 10	< 10	4	< 5	47
L7+OON 3+OOE	201 238	2	0.03	20	580	10	< 5	5	43	0.10	< 10	< 10	74	< 5	120
L7+OON 3+SOE	201 238	1	0.03	9	1150	< 2	< 5	2	47	0.06	< 10	< 10	26	< 5	132
L7+OON 0+OOV	201 238	4	0.04	21	460	4	< 5	3	53	0.09	< 10	< 10	50	< 5	409
L7+OON 0+SOV	201 238	2	0.04	13	1050	< 2	< 5	3	43	0.09	< 10	< 10	44	< 5	99
L7+OON 1+OOV	201 238	1	0.03	14	380	10	< 5	5	47	0.12	< 10	< 10	73	< 5	78
L7+OON 1+SOV	201 238	3	0.03	20	510	< 2	< 5	5	45	0.12	< 10	< 10	75	< 5	104
L7+OON 2+OOV	201 238	1	0.03	12	1290	< 2	< 5	4	37	0.10	< 10	< 10	50	< 5	93
L7+OON 2+SOV	201 238	3	0.03	9	2490	< 2	< 5	3	43	0.08	< 10	< 10	35	< 5	112
L7+OON 3+OOV	201 238	< 1	0.02	30	430	16	< 5	8	57	0.12	< 10	< 10	81	5	118
L7+OON 3+SOV	201 238	2	0.04	16	1290	8	< 5	3	49	0.08	< 10	< 10	44	< 5	90
L7+OON 4+OOV	201 238	< 1	0.03	13	390	< 2	< 5	3	42	0.08	< 10	< 10	38	< 5	125
L7+OON 4+SOV	201 238	< 1	0.04	14	1040	< 2	< 5	4	50	0.12	< 10	< 10	70	< 5	121
L7+OON 5+OOV	201 238	< 1	0.04	7	1120	4	< 5	2	34	0.08	< 10	< 10	31	< 5	105
L7+OON 5+SOV	201 238	< 1	0.04	11	480	4	< 5	4	41	0.11	< 10	< 10	47	< 5	96
L7+OON 6+OOV	201 238	< 1	0.03	13	500	6	< 5	6	51	0.11	< 10	< 10	83	< 5	83
L7+SON 0+SOE	201 238	< 1	0.04	18	960	10	< 5	5	36	0.12	< 10	< 10	67	< 5	82
L7+SON 1+OOE	201 238	2	0.03	28	520	< 2	< 5	6	46	0.11	< 10	< 10	76	< 5	104
L7+SON 1+SOE	201 238	1	0.03	22	410	< 2	< 5	7	51	0.12	< 10	< 10	86	< 5	97
L7+SON 2+OOE	201 238	< 1	0.02	26	600	10	< 5	4	33	0.09	< 10	< 10	55	< 5	109
L7+SON 2+SOE	201 238	< 1	0.02	11	820	10	< 5	1	208	0.01	< 10	< 10	21	< 5	95

CERTIFICATION :



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To PHILEX GOLD & ENERGY CORP.

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Project: HEHLEY

Comments: CC: B A FENWICK WILSON

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## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L7+SON 3+0OE	201 238	< 5	2.39	0.2	5	160	< 0.5	< 2	0.51	< 0.5	13	13	25	2.71	< 10	< 1	0.16	10	0.44	651
L7+SON 3+5OE	201 238	< 5	2.84	0.2	20	200	< 0.5	< 2	0.41	< 0.5	10	13	24	2.69	< 10	2	0.16	10	0.53	701
L7+SON 0+0OW	201 238	25	2.81	1.8	45	140	< 0.5	< 2	0.64	< 0.5	15	21	103	4.63	10	1	0.19	30	0.98	485
L7+SON 0+5OW	201 238	20	0.23	0.6	5	< 10	< 0.5	< 2	0.03	< 0.5	1	< 1	6	0.26	< 10	< 1	< 0.01	< 10	0.08	36
L7+SON 1+0OW	201 238	< 5	2.39	0.2	5	130	< 0.5	< 2	0.48	0.5	9	18	31	2.53	< 10	2	0.10	10	0.38	486
L7+SON 1+5OW	201 238	20	1.92	0.2	15	130	< 0.5	< 2	0.55	< 0.5	9	14	43	2.46	< 10	2	0.13	10	0.50	843
L7+SON 2+0OW	201 238	< 5	1.41	0.8	25	130	< 0.5	< 2	0.65	0.5	8	12	25	1.70	< 10	2	0.07	10	0.31	623
L7+SON 2+5OW	201 238	< 5	1.92	0.6	45	140	< 0.5	< 2	0.44	< 0.5	9	13	26	2.12	< 10	2	0.07	10	0.35	733
L7+SON 3+0OW	201 238	< 5	2.28	0.2	5	130	< 0.5	< 2	0.40	< 0.5	7	11	17	1.72	< 10	< 1	0.08	10	0.28	708
L7+SON 3+5OW	201 238	< 5	2.48	0.4	15	110	< 0.5	< 2	0.57	< 0.5	11	16	63	3.27	< 10	< 1	0.13	20	0.55	561
L7+SON 4+0OW	201 238	< 5	2.76	0.2	15	130	< 0.5	< 2	0.51	< 0.5	12	21	28	2.92	< 10	< 1	0.11	10	0.47	420
L7+SON 4+5OW	201 238	< 5	2.46	0.2	< 5	140	< 0.5	< 2	0.66	< 0.5	12	19	40	3.19	< 10	< 1	0.14	20	0.57	528
L7+SON 5+0OW	201 238	< 5	2.68	0.2	5	200	< 0.5	< 2	0.66	< 0.5	11	13	28	2.46	< 10	< 1	0.20	10	0.52	544
L7+SON 5+5OW	201 238	< 5	2.99	0.2	10	150	< 0.5	< 2	0.54	< 0.5	14	20	56	3.51	< 10	< 1	0.20	20	0.78	470
L7+SON 6+0OW	201 238	< 5	2.89	0.2	30	170	< 0.5	2	0.51	< 0.5	12	15	28	2.71	< 10	2	0.14	10	0.57	478
L8+OON 0+5OE	201 238	< 5	2.86	0.8	5	130	< 0.5	< 2	0.66	< 0.5	14	22	41	3.58	< 10	< 1	0.09	10	0.56	310
L8+OON 1+0OE	201 238	80	2.01	0.4	< 5	110	< 0.5	< 2	0.46	< 0.5	9	20	65	4.30	< 10	< 1	0.13	20	0.64	390
L8+OON 1+5OE	201 238	10	2.42	0.2	< 5	120	< 0.5	< 2	0.52	0.5	9	20	30	3.01	< 10	< 1	0.13	10	0.49	309
L8+OON 2+0OE	201 238	10	1.88	0.4	< 5	80	< 0.5	< 2	0.35	< 0.5	9	19	40	2.37	< 10	< 1	0.13	10	0.47	375
L8+OON 2+5OE	201 238	< 5	1.42	0.2	< 5	60	< 0.5	< 2	0.25	< 0.5	4	7	17	1.54	< 10	1	0.11	< 10	0.23	159
L8+OON 3+0OE	201 238	< 5	2.08	0.8	15	100	< 0.5	< 2	0.42	< 0.5	8	22	63	3.17	< 10	< 1	0.19	10	0.56	371
L8+OON 3+5OE	201 238	< 5	2.37	0.6	15	130	< 0.5	< 2	0.69	< 0.5	12	21	58	4.26	10	< 1	0.17	20	0.92	589
L8+OON 0+0OW	201 238	< 5	3.17	0.4	10	180	< 0.5	< 2	0.39	< 0.5	12	15	36	2.86	10	< 1	0.06	10	0.54	304
L8+OON 0+5OW	201 238	< 5	2.56	0.6	< 5	130	< 0.5	< 2	0.43	< 0.5	11	15	30	2.95	10	< 1	0.07	10	0.36	252
L8+OON 1+0OW	201 238	< 5	2.58	0.4	< 5	100	< 0.5	< 2	0.63	< 0.5	15	20	30	3.38	10	1	0.07	20	0.58	348
L8+OON 1+5OW	201 238	< 5	3.65	0.4	30	230	< 0.5	< 2	0.60	< 0.5	15	24	61	3.43	10	5	0.06	20	0.75	351
L8+OON 2+0OW	201 238	< 5	2.53	0.4	40	120	< 0.5	< 2	0.50	< 0.5	10	14	40	2.70	10	2	0.05	10	0.49	454
L8+OON 2+5OW	201 238	< 5	2.16	0.4	30	140	< 0.5	< 2	0.60	< 0.5	9	18	32	2.14	< 10	< 1	0.09	10	0.42	740
L8+OON 3+0OW	201 238	< 5	2.68	0.4	15	130	< 0.5	< 2	0.42	< 0.5	8	14	34	2.14	< 10	< 1	0.05	10	0.35	251
L8+OON 3+5OW	201 238	< 5	1.81	0.2	< 5	140	< 0.5	< 2	0.46	< 0.5	3	12	19	1.58	< 10	< 1	0.08	10	0.27	824
L8+OON 4+0OW	201 238	< 5	2.22	< 0.2	10	130	< 0.5	< 2	0.27	< 0.5	2	18	13	2.04	< 10	< 1	0.05	10	0.28	528
L8+OON 4+5OW	201 238	< 5	1.98	0.2	20	100	< 0.5	< 2	0.44	< 0.5	3	5	22	1.53	< 10	1	0.06	10	0.19	831
L8+OON 5+0OW	201 238	< 5	1.86	0.2	20	100	< 0.5	< 2	0.38	< 0.5	3	9	19	1.47	< 10	1	0.07	10	0.23	496
L8+OON 5+5OW	201 238	< 5	3.21	0.4	30	140	< 0.5	< 2	0.50	< 0.5	12	24	50	3.51	10	2	0.12	20	0.73	440
L8+OON 6+0OW	201 238	< 5	2.54	< 0.2	15	120	< 0.5	< 2	0.46	< 0.5	11	25	52	3.28	< 10	< 1	0.09	10	0.71	334
L8+SON 0+5OE	201 238	< 5	2.26	0.8	< 5	140	< 0.5	< 2	0.53	< 0.5	10	21	37	2.84	< 10	2	0.08	10	0.50	443
L8+SON 1+0OE	201 238	< 5	2.15	0.4	5	100	< 0.5	< 2	0.36	< 0.5	10	23	42	3.67	< 10	< 1	0.09	10	0.49	267
L8+SON 1+5OE	201 238	< 5	2.48	0.2	25	90	< 0.5	< 2	0.41	< 0.5	10	25	48	3.08	< 10	< 1	0.13	10	0.65	347
L8+SON 2+0OE	201 238	< 5	2.29	0.2	20	100	< 0.5	< 2	0.37	< 0.5	8	15	26	2.11	< 10	< 1	0.09	10	0.41	241
L8+SON 2+5OE	201 238	< 5	2.58	0.6	< 5	120	< 0.5	< 2	0.46	< 0.5	10	14	49	3.07	< 10	< 1	0.18	10	0.43	466

CERTIFICATION :





# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 944-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
BURNABY, BC  
V5C 2K3

Project: HEIDLEY

Comments: CC B A FENWICK WILSON

Page No.: 3-B

Tot. Pages: 7

Date: 22-AUG-88

Invoice #: I-8821031

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L7+SON 3+OGE	201 238	1	0.04	22	340	2	< 5	4	38	0.10	< 10	< 10	51	< 5	132
L7+SON 3+SOE	201 238	< 1	0.04	30	320	2	< 5	4	44	0.12	< 10	< 10	53	< 5	114
L7+SON 0+OOW	201 238	8	0.04	30	570	8	< 5	10	78	0.07	< 10	< 10	106	20	139
L7+SON 0+SOE	201 238	< 1	< 0.01	< 1	30	< 2	< 5	< 1	4	< 0.01	< 10	< 10	11	< 5	5
L7+SON 1+OOW	201 238	< 1	0.04	15	310	8	< 5	4	40	0.10	< 10	< 10	54	< 5	132
L7+SON 1+SOE	201 238	< 1	0.03	9	530	6	< 5	4	41	0.09	< 10	< 10	56	< 5	90
L7+SON 2+OOW	201 238	< 1	0.03	7	900	14	< 5	3	42	0.08	< 10	< 10	46	< 5	127
L7+SON 2+SOE	201 238	< 1	0.03	7	500	12	< 5	3	35	0.06	< 10	< 10	42	< 5	123
L7+SON 3+OOW	201 238	2	0.04	16	1580	2	< 5	3	34	0.05	< 10	< 10	34	< 5	91
L7+SON 3+SOE	201 238	< 1	0.03	20	330	12	< 5	6	43	0.11	< 10	< 10	62	< 5	95
L7+SON 4+OOW	201 238	< 1	0.03	26	470	< 2	< 5	4	41	0.14	< 10	< 10	66	< 5	83
L7+SON 4+SOE	201 238	1	0.03	19	410	< 2	< 5	5	52	0.13	< 10	< 10	64	< 5	83
L7+SON 5+OOW	201 238	2	0.05	19	640	< 2	< 5	4	59	0.12	< 10	< 10	51	< 5	72
L7+SON 5+SOE	201 238	1	0.04	28	460	2	< 5	7	50	0.12	< 10	< 10	66	< 5	89
L7+SON 6+OOW	201 238	3	0.04	16	480	< 2	< 5	5	48	0.11	< 10	< 10	60	< 5	78
L8+OON 0+SOE	201 238	2	0.03	42	310	16	< 5	5	57	0.13	< 10	< 10	69	< 5	103
L8+OON 1+OGE	201 238	3	0.03	33	440	< 2	< 5	7	46	0.10	< 10	< 10	71	< 5	103
L8+OON 1+SOE	201 238	2	0.03	42	590	< 2	< 5	4	51	0.12	< 10	< 10	58	< 5	103
L8+OON 2+OGE	201 238	2	0.03	21	1400	12	< 5	3	34	0.08	< 10	< 10	50	< 5	98
L8+OON 2+SOE	201 238	1	0.03	20	290	8	< 5	2	29	0.07	< 10	< 10	27	< 5	114
L8+OON 3+OGE	201 238	< 1	0.03	28	340	< 2	< 5	6	40	0.10	< 10	< 10	58	< 5	110
L8+OON 3+SOE	201 238	< 1	0.03	19	330	< 2	< 5	7	36	0.10	< 10	< 10	80	< 5	91
L8+OON 0+OOW	201 238	< 1	0.04	18	470	6	< 5	4	52	0.14	< 10	< 10	72	< 5	86
L8+OON 0+SOE	201 238	< 1	0.04	25	200	< 2	< 5	5	45	0.11	< 10	< 10	60	< 5	91
L8+OON 1+OOW	201 238	< 1	0.04	34	210	4	< 5	7	42	0.11	< 10	10	60	10	103
L8+OON 1+SOE	201 238	< 1	0.04	23	390	16	< 5	7	61	0.13	< 10	< 10	78	10	86
L8+OON 2+OOW	201 238	< 1	0.03	19	770	10	< 5	4	36	0.09	< 10	< 10	55	10	84
L8+OON 2+SOE	201 238	< 1	0.03	14	1080	< 2	< 5	3	48	0.09	< 10	< 10	47	< 5	81
L8+OON 3+OOW	201 238	< 1	0.04	15	860	2	< 5	3	48	0.12	< 10	< 10	46	5	77
L8+OON 3+SOE	201 238	2	0.04	15	490	< 2	< 5	2	46	0.06	< 10	< 10	28	< 5	77
L8+OON 4+OOW	201 238	< 1	0.02	14	450	< 2	< 5	2	29	0.10	< 10	< 10	43	5	68
L8+OON 4+SOE	201 238	1	0.04	6	820	< 2	< 5	2	34	0.08	< 10	< 10	29	< 5	76
L8+OON 5+OOW	201 238	1	0.04	11	1040	< 2	< 5	2	32	0.08	< 10	< 10	30	< 5	60
L8+OON 5+SOE	201 238	1	0.03	17	340	2	< 5	7	49	0.12	< 10	< 10	75	5	81
L8+OON 6+OOW	201 238	1	0.02	13	370	< 2	< 5	6	42	0.10	< 10	< 10	82	< 5	71
L8+SON 0+SOE	201 238	3	0.03	32	470	< 2	< 5	4	55	0.10	< 10	< 10	60	< 5	108
L8+SON 1+OGE	201 238	2	0.02	40	400	6	< 5	5	45	0.10	< 10	10	58	< 5	125
L8+SON 1+SOE	201 238	1	0.04	24	480	< 2	< 5	4	44	0.12	< 10	< 10	69	5	89
L8+SON 2+OGE	201 238	< 1	0.05	20	440	4	< 5	3	41	0.10	< 10	< 10	43	< 5	87
L8+SON 2+SOE	201 238	< 1	0.03	50	340	6	< 5	4	45	0.10	< 10	10	42	10	154

CERTIFICATION:



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Analytical Chemists • Geochemists • Registered Assayers

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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
BURNABY, BC  
V5C 2K3

Project: HEULEY

Comments: CUBA FENWICK WILSON

Page No. 4-A

Tot Pages 7

Date 22-AUG-88

Invoice # I-8821031

P.O. # NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L#-SON 3+0OE	201 238	15	2.61	0.4	5	160	<0.5	<2	0.32	<0.5	12	25	125	3.55	10	<1	0.11	20	0.49	239
L#-SON 3+5OE	201 238	<5	2.44	0.4	15	140	<0.5	<2	0.57	<0.5	9	20	53	3.44	10	<1	0.28	20	0.61	346
L#-SON 0+0OW	201 238	<5	3.68	0.4	<5	180	<0.5	<2	0.62	1.0	27	23	118	4.49	10	<1	0.14	20	0.95	506
L#-SON 0+5OW	201 238	<5	3.45	0.4	20	200	<0.5	<2	0.52	0.5	25	22	54	5.46	<10	<1	0.10	20	0.73	410
L#-SON 1+0OW	201 238	10	2.68	0.2	35	140	<0.5	<2	0.48	<0.5	10	21	45	3.05	10	<1	0.13	10	0.53	325
L#-SON 1+0OW REAL	201 238	5	2.00	0.4	15	110	<0.5	<2	0.54	<0.5	10	23	39	3.21	<10	<1	0.13	10	0.62	277
L#-SON 1+5OW	201 238	<5	2.38	0.2	20	120	<0.5	<2	0.31	<0.5	9	14	23	2.36	<10	<1	0.05	10	0.42	239
L#-SON 2+0OW	201 238	<5	2.71	<0.2	5	170	<0.5	<2	0.48	<0.5	10	18	28	2.29	<10	<1	0.05	10	0.40	329
L#-SON 2+5OW	201 238	<5	1.68	0.4	20	80	<0.5	2	0.58	<0.5	3	12	27	1.85	<10	<1	0.06	10	0.27	385
L#-SON 3+0OW	201 238	65	2.38	3.6	225	110	<0.5	2	1.23	7.0	25	18	137	4.30	10	<1	0.06	20	0.57	1365
L#-SON 3+5OW	201 238	<5	3.36	0.6	15	120	<0.5	<2	0.46	<0.5	23	14	127	2.91	10	<1	0.06	20	0.38	680
L#-SON 4+0OW	201 238	<5	3.16	<0.2	20	170	<0.5	<2	0.68	<0.5	12	26	56	3.80	10	1	0.18	20	0.62	404
L#-SON 4+5OW	201 238	<5	3.05	<0.2	105	210	<0.5	<2	0.66	<0.5	13	23	147	7.40	10	<1	0.11	20	0.63	756
L#-SON 5+0OW	201 238	<5	2.29	<0.2	10	110	<0.5	<2	1.43	<0.5	10	27	79	3.32	<10	<1	0.19	20	0.83	374
L#-SON 5+5OW	201 238	<5	1.40	<0.2	<5	170	<0.5	2	0.54	<0.5	4	16	28	1.49	<10	<1	0.09	10	0.27	542
L#-SON 6+0OW	201 238	<5	3.22	0.2	15	160	<0.5	<2	0.76	<0.5	12	27	73	3.90	<10	<1	0.13	20	0.72	359
L#-SON 0+5OE	201 238	10	1.95	0.2	<5	70	<0.5	2	0.44	<0.5	10	21	45	3.29	<10	<1	0.27	10	0.69	306
L#-SON 1+0OE	201 238	10	0.36	<0.2	5	50	<0.5	20	>15.00	0.5	3	9	23	0.48	<10	<1	0.03	<10	0.23	438
L#-SON 1+5OE	201 238	<5	1.91	<0.2	<5	80	<0.5	2	0.90	<0.5	9	20	52	3.31	<10	<1	0.16	10	0.69	363
L#-SON 2+0OE	201 238	<5	1.33	<0.2	<5	90	<0.5	<2	0.39	<0.5	3	15	9	1.75	<10	1	0.09	<10	0.20	303
L#-SON 2+5OE	201 238	5	2.47	0.4	<5	100	<0.5	2	0.41	<0.5	11	25	42	3.31	10	1	0.27	10	0.52	399
L#-SON 3+0OE	201 238	5	2.12	0.2	25	160	<0.5	<2	0.48	<0.5	13	24	65	4.22	10	<1	0.30	20	0.78	1150
L#-SON 3+5OE	201 238	<5	2.94	0.4	20	160	<0.5	<2	0.40	<0.5	16	21	61	3.53	10	<1	0.10	10	0.46	825
L#-SON 0+0OW	201 238	<5	1.69	<0.2	10	70	<0.5	<2	0.29	<0.5	3	9	20	1.64	<10	<1	0.09	10	0.24	180
L#-SON 0+5OW	201 238	<5	3.12	0.2	5	120	<0.5	<2	0.64	<0.5	19	69	107	5.64	10	<1	0.40	20	1.54	552
L#-SON 1+0OW	201 238	10	2.52	0.4	20	150	<0.5	<2	0.41	<0.5	12	25	46	2.83	10	<1	0.08	10	0.64	550
L#-SON 1+5OW	201 238	<5	1.76	<0.2	15	130	<0.5	<2	0.34	<0.5	8	18	19	2.09	<10	<1	0.04	10	0.26	382
L#-SON 2+0OW	201 238	<5	2.22	0.2	15	140	<0.5	<2	0.41	<0.5	7	14	11	2.32	<10	<1	0.06	10	0.29	342
L#-SON 2+5OW	201 238	<5	2.47	0.2	30	140	<0.5	<2	0.61	<0.5	11	25	26	2.58	10	<1	0.06	20	0.40	482
L#-SON 3+0OW	201 238	<5	2.16	<0.2	30	130	<0.5	<2	1.17	<0.5	8	11	25	1.81	<10	<1	0.10	10	0.31	734
L#-SON 3+5OW	201 238	<5	2.59	0.2	20	120	<0.5	<2	0.46	<0.5	7	18	20	2.23	<10	<1	0.08	10	0.30	345
L#-SON 4+0OW	201 238	10	2.78	0.2	50	200	<0.5	<2	0.40	<0.5	11	18	27	2.52	<10	<1	0.10	10	0.37	666
L#-SON 4+5OW	201 238	<5	2.14	<0.2	5	180	<0.5	<2	0.56	<0.5	7	14	19	1.94	<10	<1	0.10	10	0.32	1170
L#-SON 5+0OW	201 238	<5	2.49	0.2	<5	150	<0.5	<2	0.36	0.5	8	15	19	1.95	<10	<1	0.07	10	0.25	604
L#-SON 5+5OW	201 238	<5	1.77	0.2	5	110	<0.5	<2	0.26	<0.5	3	14	12	1.97	<10	<1	0.06	<10	0.23	418
L#-SON 6+0OW	201 238	25	1.92	<0.2	10	260	<0.5	<2	0.60	<0.5	10	15	29	2.20	<10	<1	0.13	10	0.33	1655
L#-SON 0+5OE	201 238	10	2.20	<0.2	20	100	<0.5	<2	0.60	<0.5	9	14	18	2.52	<10	<1	0.15	10	0.44	251
L#-SON 1+0OE	201 238	<5	0.42	<0.2	<5	50	<0.5	20	>15.00	0.5	4	6	43	0.39	<10	<1	0.02	<10	0.25	604
L#-SON 1+5OE	201 238	10	0.28	<0.2	<5	50	<0.5	18	>15.00	<0.5	3	1	21	0.40	<10	<1	0.01	<10	0.18	304
L#-SON 2+0OE	201 238	<5	2.48	0.4	10	240	<0.5	<2	1.34	2.0	11	10	66	3.75	<10	<1	0.27	20	0.47	772

CERTIFICATION :

*pc-f*



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717 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
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V5C 2K3

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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
LB+SON 3+00E	201 238	4	0.03	60	380	20	< 5	5	43	0.10	< 10	< 10	44	10	175
LB+SON 3+50E	201 238	2	0.03	27	220	< 2	< 5	7	53	0.11	< 10	< 10	66	5	108
LB+SON 0+00V	201 238	3	0.03	24	500	8	< 5	12	84	0.18	< 10	< 10	122	< 5	132
LB+SON 0+50V	201 238	2	0.05	56	390	2	< 5	8	66	0.11	< 10	< 10	63	< 5	150
LB+SON 1+00V	201 238	1	0.04	16	400	6	< 5	5	45	0.12	< 10	< 10	63	< 5	97
LB+SON1+00V REA	201 238	< 1	0.03	17	340	2	< 5	5	49	0.12	< 10	< 10	84	15	65
LB+SON 1+50V	201 238	< 1	0.03	12	1110	< 2	< 5	3	33	0.11	< 10	< 10	56	5	64
LB+SON 2+00V	201 238	< 1	0.04	13	520	8	< 5	4	36	0.13	< 10	< 10	49	< 5	87
LB+SON 2+50V	201 238	< 1	0.04	16	760	18	< 5	2	46	0.08	< 10	< 10	35	5	106
LB+SON 3+00V	201 238	< 1	0.04	50	410	124	< 5	7	63	0.09	< 10	< 10	68	15	335
LB+SON 3+50V	201 238	1	0.05	37	1080	16	< 5	6	33	0.14	< 10	< 10	58	5	157
LB+SON 4+00V	201 238	1	0.03	18	260	4	< 5	7	56	0.18	< 10	< 10	88	15	85
LB+SON 4+50V	201 238	2	0.02	27	470	8	< 5	11	98	0.10	< 10	< 10	88	10	158
LB+SON 5+00V	201 238	< 1	0.04	27	690	10	< 5	6	66	0.10	< 10	< 10	62	5	112
LB+SON 5+50V	201 238	< 1	0.04	12	1360	6	< 5	2	41	0.07	< 10	< 10	31	< 5	141
LB+SON 6+00V	201 238	< 1	0.04	24	440	4	< 5	8	63	0.17	< 10	< 10	96	10	106
LB+SON 0+50E	201 238	1	0.02	18	380	8	< 5	6	43	0.11	< 10	< 10	77	5	76
LB+SON 1+00E	201 238	< 1	0.03	9	830	2	< 5	< 1	290	0.01	< 10	10	9	5	17
LB+SON 1+50E	201 238	< 1	0.03	23	180	< 2	< 5	6	49	0.11	< 10	< 10	70	5	84
LB+SON 2+00E	201 238	< 1	0.04	13	320	6	< 5	2	28	0.09	< 10	< 10	38	< 5	85
LB+SON 2+50E	201 238	1	0.03	23	320	12	< 5	5	36	0.12	< 10	< 10	57	10	137
LB+SON 3+00E	201 238	< 1	0.02	37	550	4	< 5	6	42	0.08	< 10	< 10	71	15	200
LB+SON 3+50E	201 238	< 1	0.02	44	590	< 2	< 5	6	38	0.11	< 10	< 10	58	10	163
LB+SON 0+00V	201 238	1	0.05	22	950	8	< 5	2	40	0.08	< 10	< 10	29	< 5	98
LB+SON 0+50V	201 238	< 1	0.06	33	220	2	< 5	13	58	0.11	< 10	< 10	178	20	84
LB+SON 1+00V	201 238	< 1	0.04	22	970	10	< 5	4	45	0.11	< 10	< 10	75	10	133
LB+SON 1+50V	201 238	< 1	0.02	9	370	2	< 5	3	31	0.09	< 10	< 10	44	15	76
LB+SON 2+00V	201 238	1	0.03	15	280	2	< 5	3	36	0.12	< 10	< 10	51	10	61
LB+SON 2+50V	201 238	1	0.03	20	710	14	< 5	4	51	0.12	< 10	< 10	56	10	84
LB+SON 3+00V	201 238	< 1	0.04	17	1830	< 2	< 5	2	88	0.09	< 10	< 10	43	10	92
LB+SON 3+50V	201 238	< 1	0.03	16	660	12	< 5	3	34	0.13	< 10	< 10	50	10	67
LB+SON 4+00V	201 238	< 1	0.05	18	360	16	< 5	3	47	0.15	< 10	< 10	56	5	88
LB+SON 4+50V	201 238	1	0.04	7	600	2	< 5	3	41	0.09	< 10	< 10	38	< 5	88
LB+SON 5+00V	201 238	2	0.04	10	980	4	< 5	3	32	0.11	< 10	< 10	37	5	82
LB+SON 5+50V	201 238	1	0.03	9	1380	8	< 5	2	22	0.10	< 10	10	42	5	113
LB+SON 6+00V	201 238	1	0.03	11	1040	8	< 5	3	49	0.08	< 10	< 10	44	5	115
LB+SON 0+50E	201 238	2	0.03	15	100	8	< 5	4	42	0.11	< 10	< 10	54	< 5	63
LB+SON 1+00E	201 238	1	0.02	20	960	< 2	< 5	< 1	325	0.03	< 10	< 10	8	< 5	17
LB+SON 1+50E	201 238	< 1	0.03	5	650	4	< 5	< 1	235	0.01	< 10	< 10	9	< 5	11
LB+SON 2+00E	201 238	5	0.04	46	590	14	< 5	4	70	0.09	< 10	< 10	52	20	644

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.

BURNABY, BC

V5C 2K3

Project: HEBLEY

Comments: CC B A FENWICK WILSON

Page No 5-A

Tot. Pages: 7

Date: 22-AUG-88

Invoice #: I-8821031

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cl ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L9+SON 2+SOE	201 238	< 5	2.40	0.4	10	120	< 0.5	< 2	0.49	< 0.5	7	26	63	3.83	< 10	< 1	0.19	20	0.66	407
L9+SON 3+SOE	201 238	< 5	2.77	0.4	< 5	110	< 0.5	< 2	0.25	< 0.5	5	23	55	3.38	10	< 1	0.11	10	0.47	201
L9+SON 3+SOE	201 238	< 5	3.29	< 0.2	< 5	210	< 0.5	< 2	0.50	< 0.5	7	35	46	3.81	10	< 1	0.40	10	1.01	332
L9+SON 0+00W	201 238	< 5	1.87	< 0.2	< 5	70	< 0.5	< 2	0.27	< 0.5	3	14	12	1.84	< 10	< 1	0.14	< 10	0.27	248
L9+SON 0+50W	201 238	< 5	1.64	0.2	5	90	< 0.5	< 2	0.29	< 0.5	4	16	15	2.08	< 10	< 1	0.14	< 10	0.33	487
L9+SON 1+00W	201 238	< 5	1.66	< 0.2	5	150	< 0.5	< 2	0.25	< 0.5	5	12	15	1.90	< 10	< 1	0.08	< 10	0.26	594
L9+SON 1+00W (A)	201 238	5	2.87	< 0.2	15	190	< 0.5	< 2	0.62	< 0.5	12	22	66	4.06	< 10	1	0.17	20	0.55	878
L9+SON 1+50W	201 238	< 5	1.50	0.2	< 5	190	< 0.5	< 2	0.37	< 0.5	3	14	14	1.49	< 10	< 1	0.06	< 10	0.24	679
L9+SON 2+00W	201 238	< 5	2.15	0.2	5	200	< 0.5	< 2	0.40	< 0.5	5	18	23	2.52	10	< 1	0.11	10	0.33	891
L9+SON 2+50W	201 238	< 5	2.43	< 0.2	25	190	< 0.5	< 2	0.43	< 0.5	7	14	28	2.33	< 10	< 1	0.08	10	0.38	786
L9+SON 3+00W	201 238	< 5	1.92	0.2	5	160	< 0.5	< 2	0.16	0.5	6	13	19	1.86	< 10	< 1	0.06	< 10	0.34	897
L9+SON 3+50W	201 238	120	2.66	0.4	100	180	< 0.5	< 2	0.41	0.5	9	16	34	2.62	10	< 1	0.07	10	0.32	990
L9+SON 4+00W	201 238	< 5	1.42	0.2	5	200	< 0.5	< 2	0.57	0.5	8	10	28	2.05	10	< 1	0.08	10	0.19	1700
L9+SON 4+50W	201 238	< 5	2.17	0.4	10	180	< 0.5	< 2	0.37	< 0.5	5	15	17	2.03	10	< 1	0.06	10	0.29	1210
L9+SON 5+00W	201 238	< 5	3.74	< 0.2	5	240	< 0.5	< 2	0.58	< 0.5	10	19	42	3.64	10	1	0.15	10	0.48	479
L9+SON 5+50W	201 238	< 5	2.33	< 0.2	< 5	120	< 0.5	< 2	0.26	< 0.5	6	11	20	2.31	< 10	1	0.10	< 10	0.26	511
L9+SON 6+00W	201 238	< 5	1.48	< 0.2	10	230	< 0.5	< 2	0.33	< 0.5	5	9	14	1.29	< 10	< 1	0.09	< 10	0.17	1450
L4+SOE 1+2.5N	201 238	< 5	2.76	0.4	10	140	< 0.5	< 2	0.32	< 0.5	6	17	32	2.81	< 10	< 1	0.07	10	0.54	363
L4+SOE 0+50N	201 238	< 5	2.71	0.2	15	150	< 0.5	< 2	0.49	0.5	8	23	39	3.20	10	< 1	0.07	10	0.73	563
L4+SOE 0+7.5N	201 238	< 5	1.78	0.4	< 5	100	< 0.5	< 2	0.37	< 0.5	4	10	14	1.85	< 10	< 1	0.07	10	0.26	394
L4+SOE 1+00N	201 238	< 5	1.46	< 0.2	10	130	< 0.5	< 2	0.24	< 0.5	3	8	9	1.40	< 10	< 1	0.09	< 10	0.18	1150
L4+SOE 1+2.5N	201 238	< 5	2.31	< 0.2	10	110	< 0.5	< 2	0.30	< 0.5	5	13	18	2.53	< 10	< 1	0.06	< 10	0.39	668
L4+SOE 1+50N	201 238	< 5	1.77	< 0.2	< 5	100	< 0.5	< 2	0.45	< 0.5	4	7	6	1.64	< 10	< 1	0.04	< 10	0.22	116
L4+SOE 1+7.5N	201 238	< 5	2.83	0.2	5	240	< 0.5	< 2	0.37	< 0.5	6	13	21	2.52	< 10	< 1	0.10	10	0.40	1035
L4+SOE 2+00N	201 238	< 5	2.43	0.4	10	200	< 0.5	< 2	0.30	< 0.5	6	9	20	2.01	< 10	< 1	0.05	10	0.25	1425
L4+SOE 2+2.5N	201 238	< 5	3.24	< 0.2	< 5	120	< 0.5	< 2	0.40	< 0.5	7	16	31	2.80	< 10	< 1	0.06	10	0.41	502
L5+SOE 1+7.5N (A)	201 238	< 5	1.18	0.4	5	70	< 0.5	< 2	0.40	< 0.5	4	5	14	1.43	< 10	< 1	0.07	< 10	0.15	237
L5+SOE 1+7.5N (B)	201 238	< 5	1.92	0.6	35	50	< 0.5	< 2	0.19	< 0.5	3	8	14	1.50	< 10	< 1	0.04	< 10	0.18	184
L5+SOE 2+2.5N	201 238	< 5	2.41	0.2	30	130	1.0	< 2	0.54	0.5	8	16	19	2.26	10	< 1	0.08	10	0.31	981
L5+SOE 2+7.5N	201 238	10	2.83	0.2	20	180	1.0	< 2	0.45	0.5	8	18	37	2.91	10	< 1	0.06	10	0.51	788
L5+SOE 0+50N	201 238	< 5	2.57	0.4	25	130	1.0	< 2	0.45	0.5	9	21	41	3.21	10	< 1	0.14	10	0.64	617
L5+SOE 0+7.5N	201 238	< 5	1.45	0.4	5	120	0.5	< 2	0.23	< 0.5	5	10	16	1.50	10	< 1	0.05	< 10	0.22	1045
L5+SOE 1+00N	201 238	< 5	1.37	< 0.2	5	190	0.5	< 2	0.54	0.5	5	8	25	1.94	10	< 1	0.13	10	0.24	1100
L5+SOE 1+2.5N	201 238	< 5	3.04	0.2	15	220	1.0	< 2	0.40	< 0.5	8	17	25	2.76	10	< 1	0.08	10	0.49	1395
L5+SOE 1+50N	201 238	< 5	1.23	< 0.2	< 5	110	0.5	< 2	0.28	< 0.5	3	8	11	1.30	< 10	< 1	0.08	< 10	0.19	623
L5+SOE 1+7.5N	201 238	< 5	2.31	< 0.2	25	130	0.5	< 2	1.22	0.5	12	16	65	2.61	10	< 1	0.06	10	0.31	1395
L5+SOE 2+00N	201 238	35	1.99	< 0.2	25	130	0.5	< 2	0.25	< 0.5	5	13	22	2.26	10	< 1	0.08	< 10	0.44	293
L5+SOE 2+2.5N	201 238	< 5	1.06	< 0.2	20	180	< 0.5	< 2	0.56	0.5	4	9	14	1.16	< 10	< 1	0.09	10	0.15	2090
L5+SOE 2+50N	201 238	< 5	1.99	< 0.2	30	120	1.0	< 2	0.31	< 0.5	4	5	13	1.47	10	< 1	0.04	< 10	0.17	965
L5+SOE 2+7.5N	201 238	5	1.78	0.2	100	150	1.5	< 2	0.49	0.5	6	11	26	1.84	10	< 1	0.06	10	0.24	2430

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.

BURNABY, BC

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Project: HEDLEY

Comments: CC: B A FENWICK WILSON

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## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L9+SON 2+SOE	201 238	3	0.02	29	220	4	< 5	7	49	0.14	< 10	< 10	70	< 5	145
L9+SON 3+SOE	201 238	3	0.02	28	340	12	< 5	5	31	0.12	< 10	< 10	51	5	113
L9+SON 3+SOE	201 238	1	0.03	24	240	4	< 5	9	45	0.18	< 10	< 10	83	< 5	91
L9+SON 0+SOE	201 238	1	0.06	15	170	4	< 5	2	35	0.10	10	< 10	35	< 5	99
L9+SON 0+SOE	201 238	1	0.03	11	580	6	< 5	3	26	0.08	10	< 10	44	< 5	118
L9+SON 1+SOE	201 238	< 1	0.03	10	760	2	< 5	2	26	0.09	10	< 10	40	< 5	86
L9+SON 1+SOE (A)	201 238	1	0.03	28	650	4	< 5	10	51	0.19	10	< 10	76	< 5	156
L9+SON 1+SOE	201 238	< 1	0.03	9	1920	4	< 5	2	35	0.07	20	10	30	< 5	97
L9+SON 2+SOE	201 238	1	0.03	18	340	6	< 5	4	33	0.11	10	< 10	49	< 5	132
L9+SON 2+SOE	201 238	1	0.03	12	1040	10	< 5	3	38	0.11	< 10	< 10	50	< 5	119
L9+SON 3+SOE	201 238	1	0.03	7	880	10	< 5	3	19	0.09	< 10	10	40	5	143
L9+SON 3+SOE	201 238	1	0.04	18	870	30	< 5	3	33	0.12	< 10	< 10	48	5	232
L9+SON 4+SOE	201 238	1	0.03	8	1040	6	< 5	2	39	0.09	< 10	10	38	5	151
L9+SON 4+SOE	201 238	1	0.03	7	280	6	< 5	4	36	0.09	< 10	< 10	42	< 5	69
L9+SON 5+SOE	201 238	2	0.04	12	360	2	< 5	8	44	0.16	< 10	< 10	74	10	81
L9+SON 5+SOE	201 238	1	0.04	9	170	8	< 5	4	23	0.11	< 10	< 10	44	< 5	90
L9+SON 6+SOE	201 238	1	0.03	7	1550	6	< 5	2	27	0.07	< 10	10	21	< 5	111
L4+SOE 1+2.5N	201 238	2	0.03	17	750	10	< 5	3	31	0.10	< 10	< 10	51	5	94
L4+SOE 0+5ON	201 238	3	0.03	21	560	12	< 5	4	40	0.09	10	10	57	5	126
L4+SOE 0+7.5N	201 238	1	0.04	9	520	8	< 5	2	24	0.09	< 10	< 10	34	5	72
L4+SOE 1+0ON	201 238	1	0.02	7	1520	4	< 5	1	20	0.07	< 10	< 10	24	5	87
L4+SOE 1+2.5N	201 238	1	0.02	12	1430	2	< 5	2	27	0.11	< 10	< 10	49	5	110
L4+SOE 1+5ON	201 238	< 1	0.05	6	80	< 2	< 5	2	33	0.08	< 10	< 10	24	5	33
L4+SOE 1+7.5N	201 238	1	0.03	15	790	4	< 5	3	38	0.12	< 10	< 10	46	10	89
L4+SOE 2+0ON	201 238	1	0.03	10	1200	4	< 5	2	30	0.12	< 10	< 10	39	5	80
L4+SOE 2+2.5N	201 238	1	0.03	14	850	2	< 5	3	37	0.16	< 10	< 10	57	5	86
L5+SOE 1+7.5N (A)	201 238	< 1	0.04	8	1770	< 2	< 5	1	28	0.08	< 10	< 10	29	< 5	104
L5+SOE 1+7.5N (B)	201 238	1	0.04	9	1760	2	< 5	2	18	0.09	< 10	< 10	28	5	66
L5+SOE 2+2.5N	201 238	1	0.02	10	1010	6	< 5	3	43	0.11	< 10	< 10	47	< 5	122
L5+SOE 2+7.5N	201 238	2	0.03	17	2050	6	< 5	4	40	0.12	< 10	< 10	64	< 5	149
L5+SOE 0+5ON	201 238	3	0.02	20	1160	8	< 5	5	38	0.11	< 10	< 10	66	< 5	135
L5+SOE 0+7.5N	201 238	1	0.02	7	1340	4	< 5	2	24	0.07	< 10	10	31	< 5	81
L5+SOE 1+0ON	201 238	1	0.03	8	1460	2	< 5	2	45	0.09	< 10	< 10	41	< 5	174
L5+SOE 1+2.5N	201 238	3	0.02	15	540	10	< 5	4	40	0.13	< 10	< 10	56	< 5	122
L5+SOE 1+5ON	201 238	1	0.03	8	900	6	< 5	1	26	0.07	< 10	< 10	27	< 5	95
L5+SOE 1+7.5N	201 238	1	0.04	12	1520	6	< 5	3	76	0.11	< 10	< 10	56	5	143
L5+SOE 2+0ON	201 238	1	0.02	14	410	4	< 5	2	25	0.09	< 10	< 10	43	< 5	95
L5+SOE 2+2.5N	201 238	1	0.02	5	790	6	< 5	1	34	0.05	10	10	22	5	137
L5+SOE 2+5ON	201 238	1	0.03	4	900	6	< 5	2	21	0.09	< 10	< 10	27	< 5	64
L5+SOE 2+7.5N	201 238	2	0.03	8	860	4	< 5	2	30	0.09	< 10	< 10	42	< 5	139

CERTIFICATION

*[Handwritten signature]*



# Chemex Labs Ltd.

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To: PHILEX GOLD & ENERGY CORP.

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Project: HEDLEY  
 Comments: CC: B A FENWICK WILSON

Page No. 6-A  
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 Date: 22-AUG-89  
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## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L5+SOE 3+00N	201 238	< 5	1.87	0.2	15	170	0.5	< 2	0.68	< 0.5	4	10	19	1.76	< 10	< 1	0.06	10	0.28	1030
L5+SOE 3+25N	201 238	10	3.59	0.4	10	140	0.5	< 2	0.30	< 0.5	8	22	40	2.96	10	< 1	0.06	10	0.49	514
L5+SOE 3+50N	201 238	10	3.33	0.2	< 5	180	< 0.5	< 2	0.52	< 0.5	7	19	21	2.68	10	< 1	0.12	10	0.35	1135
L6+OEE 0+50N	201 238	15	2.71	< 0.2	15	140	< 0.5	< 2	0.36	< 0.5	8	18	38	3.09	< 10	< 1	0.06	10	0.57	1080
L6+OEE 0+75N	201 238	5	2.20	< 0.2	< 5	110	< 0.5	< 2	0.33	< 0.5	4	13	14	1.98	10	< 1	0.10	10	0.34	401
L6+OEE 1+25N	201 238	< 5	2.33	< 0.2	15	300	< 0.5	< 2	0.45	< 0.5	6	15	24	2.33	< 10	< 1	0.09	10	0.37	1695
L6+OEE 1+50N	201 238	< 5	2.79	0.2	20	100	< 0.5	< 2	0.19	< 0.5	4	12	13	2.13	10	< 1	0.04	< 10	0.21	931
L6+OEE 2+25N	201 238	< 5	1.50	0.4	15	80	< 0.5	< 2	0.18	< 0.5	4	7	7	1.34	< 10	< 1	0.07	< 10	0.16	722
L6+OEE 2+75N	201 238	< 5	2.65	0.4	20	170	< 0.5	< 2	0.44	< 0.5	8	14	40	1.93	10	< 1	0.11	10	0.24	357
L6+OEE 3+25N	201 238	< 5	3.45	0.2	5	220	< 0.5	< 2	0.46	< 0.5	8	13	26	2.55	10	< 1	0.08	10	0.31	1185
L6+SOE 0+50N	201 238	< 5	2.11	< 0.2	< 5	250	< 0.5	< 2	0.39	0.5	8	13	36	2.50	10	< 1	0.08	10	0.44	2260
L6+SOE 0+75N	201 238	< 5	2.86	0.2	< 5	150	< 0.5	< 2	0.45	< 0.5	7	20	19	2.75	10	< 1	0.11	10	0.37	949
L6+SOE 1+00N	201 238	< 5	2.81	0.4	15	280	< 0.5	< 2	0.76	1.0	9	23	40	2.88	10	< 1	0.16	20	0.49	1815
L6+SOE 1+25N	201 238	< 5	3.36	< 0.2	15	170	< 0.5	< 2	0.31	< 0.5	8	18	42	3.26	10	< 1	0.05	10	0.62	1045
L6+SOE 1+50N	201 238	45	2.07	< 0.2	15	280	< 0.5	< 2	0.91	1.0	11	13	41	2.39	10	< 1	0.07	10	0.27	2930
L6+SOE 1+75N	201 238	10	1.05	0.4	< 5	110	< 0.5	< 2	0.25	< 0.5	3	10	7	1.36	10	< 1	0.07	< 10	0.16	449
L6+SOE 2+00N	201 238	15	2.07	< 0.2	10	50	< 0.5	< 2	0.41	< 0.5	4	16	22	2.58	< 10	< 1	0.11	10	0.49	173
L6+SOE 2+25N	201 238	25	2.60	0.2	10	80	< 0.5	< 2	0.60	< 0.5	7	25	53	3.31	< 10	< 1	0.08	20	0.72	332
L6+SOE 2+50N	201 238	5	1.84	< 0.2	10	100	< 0.5	< 2	0.82	< 0.5	5	14	33	2.25	< 10	< 1	0.07	10	0.42	632
L6+SOE 2+75N	201 238	100	3.15	0.2	15	100	< 0.5	< 2	0.57	< 0.5	6	17	40	2.75	< 10	< 1	0.12	10	0.46	202
L6+SOE 3+00N	201 238	10	3.05	< 0.2	5	130	< 0.5	< 2	0.43	< 0.5	6	20	30	3.01	< 10	< 1	0.17	10	0.57	324
L6+SOE 3+25N	201 238	15	1.79	< 0.2	15	160	< 0.5	< 2	0.63	< 0.5	4	10	18	1.70	< 10	< 1	0.07	10	0.27	972
L6+SOE 3+50N	201 238	5	3.16	< 0.2	5	160	< 0.5	< 2	0.69	< 0.5	7	17	29	2.34	< 10	< 1	0.07	10	0.36	742
L7+OEE 0+75N	201 238	< 5	2.19	< 0.2	5	160	< 0.5	< 2	0.68	< 0.5	6	11	32	2.08	< 10	< 1	0.11	10	0.28	1005
L7+OEE 1+25N	201 238	< 5	2.48	< 0.2	10	110	< 0.5	< 2	0.38	< 0.5	7	20	29	2.82	< 10	< 1	0.07	10	0.59	274
L7+OEE 1+75N	201 238	< 5	2.38	< 0.2	15	120	< 0.5	< 2	0.39	< 0.5	6	12	22	2.27	< 10	< 1	0.09	10	0.38	500
L7+OEE 2+25N	201 238	40	1.87	0.2	5	140	< 0.5	< 2	0.27	< 0.5	4	9	14	1.66	< 10	< 1	0.05	< 10	0.25	629
L7+OEE 2+27N	201 238	10	2.45	< 0.2	< 5	90	< 0.5	< 2	0.28	< 0.5	6	13	28	2.30	< 10	< 1	0.04	10	0.42	354
L7+OEE 3+25N	201 238	5	2.80	< 0.2	10	90	< 0.5	< 2	0.67	< 0.5	5	19	21	2.55	< 10	< 1	0.05	10	0.51	190
L7+SOE 0+00N	201 238	15	2.11	< 0.2	5	230	< 0.5	< 2	0.40	< 0.5	7	13	39	2.43	< 10	< 1	0.08	10	0.48	2090
L7+SOE 0+25N	201 238	10	3.67	< 0.2	< 5	150	< 0.5	< 2	0.31	< 0.5	9	19	32	2.95	10	< 1	0.06	10	0.45	634
L7+SOE 0+50N	201 238	10	3.82	0.4	5	290	< 0.5	< 2	0.61	0.5	10	19	47	3.33	10	< 1	0.10	20	0.64	764
L7+SOE 0+75N	201 238	5	3.29	< 0.2	20	170	< 0.5	< 2	0.70	0.5	14	27	76	4.26	10	< 1	0.12	20	1.02	1235
L7+SOE 1+00N	201 238	15	3.28	0.2	10	140	< 0.5	< 2	0.47	0.5	9	20	44	3.01	10	< 1	0.08	10	0.60	644
L7+SOE 1+25N	201 238	15	2.98	0.2	10	160	< 0.5	< 2	0.44	< 0.5	9	19	28	2.83	10	< 1	0.08	10	0.52	710
L7+SOE 1+50N	201 238	25	1.79	< 0.2	35	80	< 0.5	< 2	8.55	1.0	9	21	96	2.79	< 10	< 1	0.06	< 10	0.89	608
L7+SOE 1+75N	201 238	15	2.99	0.4	50	120	< 0.5	< 2	0.93	< 0.5	10	21	62	2.90	10	< 1	0.07	20	0.63	393
L7+SOE 2+00N	201 238	5	3.54	< 0.2	20	210	< 0.5	< 2	0.33	< 0.5	9	20	39	2.95	10	< 1	0.12	10	0.53	835
L7+SOE 2+25N	201 238	5	2.94	0.2	15	140	< 0.5	< 2	0.42	< 0.5	8	17	28	2.75	10	< 1	0.06	10	0.49	645
L7+SOE 2+50N	201 238	< 5	3.15	< 0.2	10	220	< 0.5	< 2	0.39	< 0.5	8	20	40	2.65	10	< 1	0.11	10	0.49	543

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

112 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PHILEX GOLD & ENERGY CORP

4529 A.E. HASTINGS ST.  
BURNABY, BC  
V5C 2K3

Project: HEDLEY

Comments: CU: B A FENWICK WILSON

Page No: 6-B

Lot: Pages 7

Date: 22-AUG-88

Invoice #: I-8821031

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L5+50E 3+00N	201 238	1	0.03	10	1220	10	< 5	2	42	0.09	< 10	< 10	36	< 5	102
L5+50E 3+25N	201 238	2	0.03	17	2230	10	< 5	5	31	0.14	< 10	< 10	64	< 5	128
L5+50E 3+50N	201 238	1	0.03	12	1600	6	< 5	3	43	0.13	10	< 10	60	< 5	114
L6+00E 0+50N	201 238	2	0.03	18	960	8	< 5	4	31	0.12	< 10	< 10	67	< 5	117
L6+00E 0+75N	201 238	1	0.03	11	400	4	< 5	2	24	0.10	10	< 10	37	< 5	86
L6+00E 1+25N	201 238	1	0.03	12	2820	6	< 5	3	53	0.09	10	< 10	46	< 5	142
L6+00E 1+50N	201 238	1	0.03	8	2270	6	< 5	2	18	0.13	< 10	< 10	44	< 5	124
L6+00E 2+25N	201 238	1	0.03	7	980	4	< 5	1	15	0.07	< 10	< 10	29	< 5	64
L6+00E 2+75N	201 238	< 1	0.05	12	1700	8	< 5	3	33	0.11	10	10	36	< 5	181
L6+00E 3+25N	201 238	3	0.03	13	1230	12	< 5	3	47	0.14	< 10	< 10	54	< 5	153
L6+50E 0+50N	201 238	3	0.02	13	1960	8	< 5	3	37	0.09	< 10	< 10	51	< 5	215
L6+50E 0+75N	201 238	1	0.03	13	590	8	< 5	4	33	0.13	10	< 10	55	< 5	127
L6+50E 1+00N	201 238	2	0.02	19	1740	8	< 5	4	66	0.12	10	< 10	61	< 5	189
L6+50E 1+25N	201 238	2	0.02	20	1100	8	< 5	4	29	0.14	< 10	< 10	71	< 5	146
L6+50E 1+50N	201 238	2	0.03	10	2850	6	< 5	3	57	0.10	< 10	< 10	53	< 5	246
L6+50E 1+75N	201 238	1	0.03	7	1140	4	< 5	1	27	0.07	10	< 10	33	< 5	108
L6+50E 2+00N	201 238	< 1	0.03	13	130	2	< 5	3	23	0.11	< 10	< 10	51	5	82
L6+50E 2+25N	201 238	2	0.03	23	230	8	< 5	6	45	0.13	< 10	< 10	68	5	105
L6+50E 2+50N	201 238	1	0.03	14	780	6	< 5	3	38	0.09	< 10	< 10	47	5	99
L6+50E 2+75N	201 238	1	0.04	18	430	10	< 5	4	45	0.11	< 10	< 10	49	10	103
L6+50E 3+00N	201 238	1	0.03	18	550	6	< 5	4	40	0.14	< 10	< 10	66	5	110
L6+50E 3+25N	201 238	< 1	0.03	8	1150	6	< 5	2	40	0.09	< 10	< 10	35	5	96
L6+50E 3+50N	201 238	1	0.04	12	1470	6	< 5	3	65	0.13	10	< 10	51	10	110
L7+00E 0+75N	201 238	1	0.03	14	1830	8	< 5	3	43	0.11	< 10	< 10	43	5	130
L7+00E 1+25N	201 238	1	0.02	16	360	8	< 5	4	35	0.12	< 10	< 10	62	10	72
L7+00E 1+75N	201 238	< 1	0.03	17	2240	6	< 5	3	44	0.11	< 10	< 10	48	5	117
L7+00E 2+25N	201 238	1	0.03	10	1330	4	< 5	2	25	0.09	< 10	< 10	34	< 5	74
L7+00E 2+75N	201 238	1	0.03	15	900	8	< 5	3	28	0.11	< 10	< 10	50	5	75
L7+00E 3+25N	201 238	< 1	0.05	13	170	4	< 5	4	44	0.11	< 10	< 10	52	5	76
L7+50E 0+00N	201 238	1	0.02	12	940	6	< 5	3	34	0.08	< 10	< 10	47	5	156
L7+50E 0+25N	201 238	1	0.02	14	1030	8	< 5	4	38	0.14	< 10	< 10	64	5	97
L7+50E 0+50N	201 238	1	0.03	19	680	8	< 5	6	71	0.15	< 10	< 10	68	5	101
L7+50E 0+75N	201 238	3	0.03	28	960	14	< 5	8	61	0.13	< 10	< 10	98	10	118
L7+50E 1+00N	201 238	1	0.03	16	1120	6	< 5	5	39	0.14	< 10	< 10	66	5	88
L7+50E 1+25N	201 238	2	0.03	16	450	4	< 5	4	46	0.12	< 10	< 10	63	5	104
L7+50E 1+50N	201 238	1	0.03	17	1360	8	< 5	5	113	0.06	10	< 10	68	10	78
L7+50E 1+75N	201 238	1	0.04	19	890	8	< 5	5	51	0.12	< 10	< 10	63	5	106
L7+50E 2+00N	201 238	2	0.03	19	1900	6	< 5	4	35	0.12	< 10	< 10	62	< 5	114
L7+50E 2+25N	201 238	2	0.03	14	1190	8	< 5	3	36	0.11	< 10	< 10	60	5	99
L7+50E 2+50N	201 238	1	0.04	20	680	8	< 5	4	41	0.13	< 10	< 10	58	5	96

CERTIFICATION :

*PC*



# Chemex Labs Ltd.

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

To: PHILEX GOLD & ENERGY CORP.

4529 A.E. HASTINGS ST.  
 BURNABY, BC  
 V5C 2K3

Project: HEIRLEY

Comments: CC: B A FENWICK WILSON

Page No: 7-A  
 Tot. Pages: 7  
 Date: 22-AUG-88  
 Invoice #: I-8821031  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L7+SOE 2+75N	201 238	< 5	2.73	< 0.2	20	110	< 0.5	< 2	0.37	< 0.5	7	16	29	2.42	< 10	< 1	0.06	10	0.40	409
L7+SOE 3+00N	201 238	< 5	3.40	< 0.2	20	80	< 0.5	< 2	0.30	< 0.5	7	18	25	2.46	10	1	0.05	10	0.36	258
L7+SOE 3+25N	201 238	< 5	4.13	< 0.2	15	110	< 0.5	< 2	0.29	< 0.5	10	25	46	3.53	10	< 1	0.06	10	0.67	367
L7+SOE 3+50N	201 238	< 5	3.06	< 0.2	30	130	< 0.5	< 2	0.44	< 0.5	7	20	46	3.02	< 10	< 1	0.09	10	0.51	523
L8+OOE 0+25N	201 238	< 5	4.16	< 0.2	15	150	< 0.5	< 2	0.50	0.5	12	20	44	3.01	10	< 1	0.06	10	0.43	709
L8+OOE 0+75N	201 238	< 5	3.18	< 0.2	< 5	200	< 0.5	< 2	0.45	1.0	8	17	44	3.04	< 10	< 1	0.11	10	0.46	1490
L8+OOE 1+25N	201 238	< 5	1.23	< 0.2	5	280	< 0.5	< 2	0.69	1.0	4	7	18	1.36	< 10	< 1	0.09	10	0.21	2970
L8+OOE 1+75N	201 238	< 5	2.53	< 0.2	10	80	< 0.5	< 2	0.32	< 0.5	5	10	28	1.88	< 10	< 1	0.05	10	0.24	369
L8+OOE 2+25N	201 238	30	2.84	< 0.2	15	120	< 0.5	< 2	0.40	< 0.5	8	24	53	3.29	< 10	< 1	0.09	10	0.66	293
L8+OOE 2+75N	201 238	< 5	2.40	< 0.2	15	110	< 0.5	< 2	0.43	0.5	6	11	28	1.89	< 10	< 1	0.11	10	0.30	466
L8+OOE 3+25N	201 238	20	3.95	< 0.2	25	170	< 0.5	< 2	0.53	< 0.5	9	20	35	3.26	10	< 1	0.06	10	0.53	320
L8+SOE 0+50N	201 238	< 5	1.98	< 0.2	10	200	< 0.5	< 2	0.64	1.5	6	13	39	2.09	< 10	< 1	0.10	10	0.38	1250
L8+SOE 0+75N	201 238	10	2.69	0.6	< 5	150	< 0.5	< 2	0.36	0.5	7	20	32	2.51	10	< 1	0.08	10	0.42	811
L8+SOE 1+00N	201 238	< 5	2.42	< 0.2	5	180	< 0.5	< 2	0.67	0.5	8	20	23	2.51	< 10	< 1	0.08	10	0.42	1670
L8+SOE 1+25N	201 238	< 5	2.73	0.2	35	240	< 0.5	< 2	0.35	0.5	9	19	29	2.66	< 10	< 1	0.08	10	0.50	2210
L8+SOE 1+50N	201 238	< 5	1.39	0.4	90	160	< 0.5	< 2	0.34	0.5	7	11	20	1.69	< 10	< 1	0.06	< 10	0.17	1230
L8+SOE 1+75N	201 238	< 5	1.86	< 0.2	5	330	< 0.5	< 2	0.32	1.5	8	17	32	2.25	10	< 1	0.07	10	0.30	4000
L8+SOE 2+00N	201 238	< 5	2.29	0.2	10	140	< 0.5	< 2	0.39	< 0.5	5	14	15	2.05	10	< 1	0.08	10	0.37	909
L8+SOE 2+17N	201 238	< 5	2.81	0.2	10	180	< 0.5	< 2	0.46	0.5	7	19	34	2.59	10	< 1	0.11	10	0.50	666
L8+SOE 2+50N	201 238	< 5	1.71	0.4	10	160	< 0.5	< 2	0.47	0.5	3	13	12	1.59	10	< 1	0.14	10	0.19	538
L8+SOE 2+75N	201 238	< 5	1.88	< 0.2	10	190	< 0.5	< 2	0.56	0.5	3	15	14	1.90	10	< 1	0.16	10	0.22	645
L8+SOE 3+00N	201 238	< 5	2.66	< 0.2	35	210	< 0.5	< 2	0.53	0.5	7	15	27	2.38	< 10	< 1	0.06	10	0.40	1225
L8+SOE 3+25N	201 238	< 5	1.88	< 0.2	20	130	< 0.5	< 2	0.29	< 0.5	5	13	11	1.93	< 10	< 1	0.09	< 10	0.31	626
L8+SOE 3+50N	201 238	< 5	2.36	< 0.2	20	150	< 0.5	< 2	0.26	< 0.5	6	11	15	2.15	< 10	< 1	0.09	10	0.31	802
L9+OOE 0+50N	201 238	< 5	1.70	0.2	5	300	< 0.5	< 2	0.28	< 0.5	5	10	11	1.70	< 10	< 1	0.10	< 10	0.23	476
L9+OOE 0+75N	201 238	< 5	1.57	< 0.2	10	90	< 0.5	< 2	0.46	< 0.5	4	12	15	1.76	< 10	< 1	0.17	10	0.26	612
L9+OOE 1+25N	201 238	< 5	2.12	< 0.2	25	190	< 0.5	< 2	0.37	< 0.5	5	12	18	1.79	< 10	< 1	0.08	10	0.24	1070
L9+OOE 1+75N	201 238	< 5	2.78	< 0.2	50	200	< 0.5	< 2	0.39	0.5	8	16	37	2.77	< 10	< 1	0.06	10	0.41	433
L9+OOE 2+25N	201 238	< 5	1.13	< 0.2	50	210	< 0.5	< 2	0.21	1.5	3	7	12	1.36	< 10	< 1	0.16	< 10	0.16	1070
L9+OOE 2+75N	201 238	< 5	2.02	< 0.2	40	150	< 0.5	< 2	0.19	< 0.5	4	7	9	1.57	< 10	< 1	0.12	< 10	0.19	717
L9+OOE 3+25N	201 238	< 5	2.10	< 0.2	15	140	< 0.5	< 2	0.31	0.5	5	19	17	2.31	< 10	< 1	0.14	10	0.31	604

CERTIFICATION: *[Signature]*





# Chemex Labs Ltd.

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

To: PHILEX GOLD & ENERGY CORP.

4529 A E. HASTINGS ST.  
 BURNABY, BC  
 V5C 2K3


Project: HEBBLEY

Comments: CC: B. A. FENWICK WILSON

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## CERTIFICATE OF ANALYSIS A8821031

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L7+50E 2+75N	201 238	1	0.03	13	2030	8	< 5	3	30	0.12	< 10	< 10	50	< 5	89
L7+50E 3+00N	201 238	1	0.03	14	1190	12	< 5	4	30	0.15	< 10	< 10	53	5	69
L7+50E 3+25N	201 238	2	0.02	22	1020	8	< 5	4	38	0.17	< 10	< 10	85	5	91
L7+50E 3+50N	201 238	2	0.03	14	460	10	< 5	4	37	0.14	< 10	< 10	71	5	97
L8+00E 0+25N	201 238	1	0.03	18	3360	8	< 5	4	74	0.15	< 10	< 10	58	5	139
L8+00E 0+75N	201 238	1	0.03	17	1360	8	< 5	4	51	0.13	< 10	< 10	61	5	160
L8+00E 1+25N	201 238	2	0.02	8	1070	6	< 5	1	67	0.05	< 10	< 10	25	5	161
L8+00E 1+75N	201 238	2	0.03	17	1780	4	< 5	2	26	0.09	< 10	< 10	34	5	102
L8+00E 2+25N	201 238	2	0.02	23	720	4	< 5	5	44	0.12	< 10	< 10	68	5	93
L8+00E 2+75N	201 238	1	0.05	18	1230	4	< 5	3	33	0.09	< 10	< 10	37	5	233
L8+00E 3+25N	201 238	1	0.03	17	370	4	< 5	4	66	0.13	< 10	< 10	76	5	114
L8+50E 0+50N	201 238	< 1	0.03	15	1210	8	< 5	3	63	0.08	< 10	< 10	40	< 5	232
L8+50E 0+75N	201 238	2	0.04	13	870	8	< 5	3	35	0.11	10	10	52	5	119
L8+50E 1+00N	201 238	2	0.03	15	1420	6	< 5	3	52	0.11	< 10	< 10	50	5	131
L8+50E 1+25N	201 238	1	0.02	15	1260	6	< 5	3	33	0.10	10	< 10	53	5	146
L8+50E 1+50N	201 238	1	0.03	8	1170	4	< 5	1	35	0.07	10	< 10	30	5	152
L8+50E 1+75N	201 238	2	0.02	10	1860	6	< 5	2	31	0.09	10	10	41	5	276
L8+50E 2+00N	201 238	1	0.02	9	440	6	< 5	3	36	0.11	< 10	< 10	42	5	89
L8+50E 2+17N	201 238	2	0.03	14	460	6	< 5	4	47	0.13	< 10	< 10	60	5	105
L8+50E 2+50N	201 238	< 1	0.03	5	440	< 2	< 5	1	31	0.08	20	20	29	5	106
L8+50E 2+75N	201 238	1	0.03	6	520	< 2	< 5	1	37	0.09	10	10	34	5	127
L8+50E 3+00N	201 238	1	0.03	13	1230	8	< 5	3	49	0.12	< 10	< 10	52	10	127
L8+50E 3+25N	201 238	1	0.03	11	370	4	< 5	2	26	0.09	< 10	< 10	40	5	132
L8+50E 3+50N	201 238	1	0.03	11	1570	4	< 5	2	23	0.09	< 10	< 10	43	5	124
L9+00E 0+50N	201 238	1	0.03	12	870	2	< 5	2	29	0.08	< 10	< 10	33	< 5	95
L9+00E 0+75N	201 238	1	0.03	9	690	< 2	< 5	2	46	0.08	< 10	< 10	35	< 5	140
L9+00E 1+25N	201 238	1	0.03	11	2100	4	< 5	2	35	0.08	< 10	< 10	32	5	132
L9+00E 1+75N	201 238	1	0.04	12	450	6	< 5	3	42	0.11	< 10	< 10	50	< 5	146
L9+00E 2+25N	201 238	< 1	0.02	6	900	2	< 5	1	19	0.05	< 10	< 10	21	< 5	223
L9+00E 2+75N	201 238	2	0.02	8	1840	4	< 5	1	17	0.09	< 10	< 10	25	5	84
L9+00E 3+25N	201 238	1	0.02	13	580	< 2	< 5	3	27	0.10	< 10	< 10	42	< 5	177

CERTIFICATION: 



GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
**17-966**

**LEGEND**

- STATION
- == LOGGING ROAD - DRIVABLE, NOT DRIVABLE
- ~ CREEK
- AIRPHOTO LINEAMENT
- 45° BEDDING
- LCP LEGAL CORNER POST
- ADIT
- PIT OR SHALLOW SHAFT
- TRENCH

- 1976 DIAMOND DRILL HOLE
- OUTCROP
- CONTACT
- 1 ARGILLITE, MINOR SLTSTONE
- 20 limy tuff
- 2 TUFF
- 3 VOLCANIC BRECCIA
- 3a limy breccia
- 4 CONGLOMERATE
- 5 DIORITE DYKE
- 6 GRANODIORITE
- 7 ANDESITE (?) INTRUSIVES
- xHJ 1 G1 ROCK SAMPLE - 1988



**PHILEX GOLD AND ENERGY CORP.**  
H. M. JONES & ASSOCIATES INC. VANCOUVER, B.C.

**GOLD MINE & GOLD HILL CLAIMS**  
**GEOLOGY MAP**

N.T.S. 92 H-8E HEDLEY AREA - SIMILKAMEEN M.D.

0 100 200 300 METRES

SCALE 1:5000 MARCH 1986 REV. OCT. 87, OCT. 88 FIG. 3