

APPIAN RESOURCES LTD.

FILMED

GEOCHEMICAL AND GEOLOGICAL
REPORT ON THE BONAPARTE EAST PROPERTY
NTS 92 P/1, I/16

LOG NO: 0202	RD.
ACTION:	
FILE NO:	

BY

D. NEWTON, B.Sc.
HUGHES LANG EXPLORATION LTD.

SUB-RECORDER RECEIVED	
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VANCOUVER, B.C.	

DECEMBER 1989

LOG NO: 0525	RD. 1
ACTION: <i>Date received back from amendment</i>	
FILE NO:	

CLAIM NAME	UNITS	RECORD NO.	ANNIVERSARY DATE
BOB 23	15	5768	JULY 11
BOB 24	20	5735	JUNE 18

LOCATION: 120° 24'W, 50° 59'N
 OPERATOR: APPIAN RESOURCES LTD.
 OWNER: APPIAN RESOURCES LTD.
 PROJECT GEOLOGIST: DAVID NEWTON, B.Sc., HUGHES LANG EXPLORATIONS LTD.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,616

SUMMARY

Appian Resources' Bonaparte East property is comprised of 25 Modified Grid claims consisting of 360 units in the Kamloops Mining Division. The mineral claims are centered 40 kilometres north of Kamloops in south central British Columbia. Excellent access to the claims is provided by a network of logging roads.

Exploration was undertaken in the area sporadically from 1969 to 1979 for molybdenum mineralization. A successful reconnaissance heavy mineral concentrate sampling programme for gold in 1983 by Minequest Exploration was followed by staking and then several programs of geological mapping, geochemical sampling, and geophysical surveys during the following years. In 1986 the Bonaparte claims were divided into three blocks (West, Discovery and East) and optioned to three Hughes Lang companies with Gabriel Resources, later amalgamated into Appian Resources, acquired Bonaparte East. Trenching and diamond drilling on the Bonaparte Discovery ground in 1988 and 1989 returned spectacular gold values although grades were spotty and veins narrow and discontinuous.

The exploration target is gold bearing quartz veins hosted within argillite, hornfels and hornblende diorite. Mineralization within the Bonaparte Discovery zone consists of variably orientated, but generally northerly, quartz veins which pinch and swell along strike. Gold values are highly variable locally and the gold content reportedly increases with pyrite content.

Exploration in 1989 consisted of extending the 1988 soil geochemistry grid to the southeast. The grid covered an area of favorable geology and shallow overburden. The soil survey returned anomalous values for gold, molybdenum and arsenic. Eight rock samples taken over the grid did not contain detectable gold values but that is not unusual due to the spotty nature of gold in the area. Further rock sampling and mapping over the gold soil anomalies is required to determine their significance.

TABLE OF CONTENTS

	PAGE
SUMMARY	i /
TABLE OF CONTENTS	ii /
1.0 INTRODUCTION	1 /
1.1 LOCATION AND ACCESS	1 /
1.2 CLAIM INFORMATION	2 /
1.3 PREVIOUS WORK	2 /
1.4 1989 FIELD PROGRAMME	5 /
2.0 GEOLOGY	6 /
2.1 REGIONAL GEOLOGY	6 /
2.2 PROPERTY GEOLOGY	6 /
3.0 GEOCHEMISTRY	9 /
3.1 SOIL SAMPLES	9 /
4.0 DISCUSSION	14 /
REFERENCES	15 /
COST STATEMENT	16 /
STATEMENT OF QUALIFICATIONS	17 /
APPENDIX-CERTIFICATES OF ANALYSES	

LIST OF FIGURES

FIGURE 1	LOCATION MAP 1:1,000,000	3 /
FIGURE 2	CLAIM MAP 1:50,000	4 /
FIGURE 3	GEOLOGY AND ROCK SAMPLE LOCATION MAP 1:5,000	7 /
FIGURE 4	GOLD SOIL CONTOUR MAP 1:5000	10 /
FIGURE 5	ARSENIC SOIL CONTOUR MAP 1:5000	11 /
FIGURE 6	MOLYBDENUM SOIL CONTOUR MAP 1:5000	12 /
FIGURE 7	COPPER SOIL MAP 1:5000	13 /

LIST OF TABLES

TABLE 1	CLAIM STATUS	2 /
TABLE 2	DESCRIPTION OF ROCK SAMPLES	7 /

1.0 INTRODUCTION

The Bonaparte East property is a gold prospect located north of Kamloops, British Columbia. Appian Resources owns and operates, subject to retained interest, 25 Modified Grid claims which are easily accessed via logging roads.

Earlier work in the area was for molybdenum but, in 1983, Minequest conducted a successful HMC stream sampling program for gold. This was followed by several stages of staking, geochemical sampling, geophysical surveys and geological mapping which culminated in drilling and trenching on the bordering Bonaparte Discovery property during 1987, 1988 and 1989.

Soil, silt, HMC, magnetometer, VLF-EM and geological surveys were conducted over portions of the Bonaparte East property from 1986 to 1988. From September 28 to October 11, the existing 1988 grid was extended to the southeast, onto the Bob 24 claim, and a total of 253 soil samples and 8 rock samples collected.

1.1 LOCATION AND ACCESS

The Bonaparte East property is located in the Kamloops Mining Division and is centered approximately 40 kilometres north of Kamloops (Figure 1). The claims are covered by NTS map sheets 92 I/16 and 92P/1. Access is via paved road north from Kamloops on the west side of the Thompson River and then along the main logging haulage route (Jamieson Creek road). The immediate claim area is served by a network of generally good logging roads. The grid sampled in 1989 was reached by branching west off of the Jamieson Creek road at kilometre 15 along the Wentworth Creek road and then via local logging roads.

The topography of the claim block is generally subdued except locally along rivers and streams. Elevations on the property range from 1250 meters to 1750 meters. The 1989 grid was located along a previously clear-cut ridge.

1.2 CLAIM INFORMATION

The Bonaparte East property (Figure 2) consists of 25 Modified Grid claims totalling 360 units. The claims were staked in stages from 1984 to 1987. Disposition of the claims is as follows:

**TABLE 1
CLAIM STATUS**

Claims	Units	Record #	Anniversary Date
Bob 21	20	5766	July 11
Bob 22	15	5767	July 11
Bob 23	15	5768	July 11
Bob 24	20	5735	June 18
Bob 33	20	6425	Nov 13
Bob 35	12	6426	Nov 13
Bob 36	8	6427	Nov 13
Bob 37	4	6428	Nov 13
Bob 39	20	6429	Nov 13
Bob 40	20	6430	Nov 13
Bob 41	20	6431	Nov 13
Bob 42	15	6432	Nov 13
Bob 43	6	6433	Nov 13
Bob 45	15	6435	Nov 13
Bob 47	10	6437	Nov 13
Bob 48	6	6438	Nov 13
Bob 231	10	6919	Feb 18
Bob 232	15	6920	Feb 18
Bob 233	6	6921	Feb 18
Stob 1	15	6880	Dec 22
Stob 2	12	6881	Dec 22
Stob 3	16	6882	Dec 22
Stob 4	20	6883	Dec 22
Stu 1	20	6440	Nov 13
Stu 2	20	6439	Nov 13

1.3 PREVIOUS WORK

In 1969, 1973 and 1979 the property was explored for molybdenum mineralization. Work included geological mapping, geochemical sampling, geophysical surveys, and 299 metres of diamond drilling. No significant results were returned.

Reconnaissance heavy mineral sampling was initiated by Minequest Exploration on behalf of the GoldQuest I Limited Partnership in 1983. Anomalous gold, arsenic and antimony

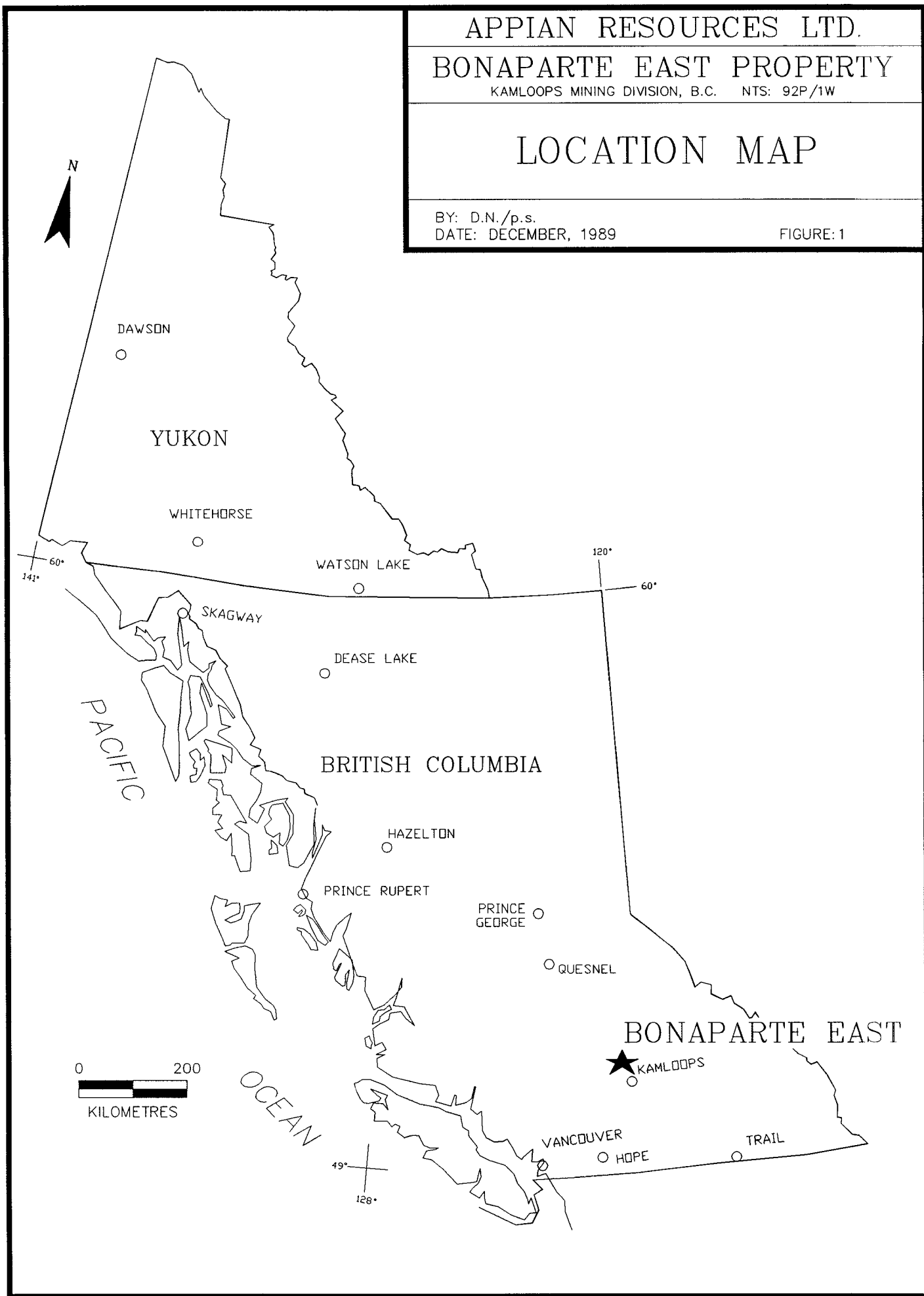
APPIAN RESOURCES LTD.
BONAPARTE EAST PROPERTY

KAMLOOPS MINING DIVISION, B.C. NTS: 92P/1W

LOCATION MAP

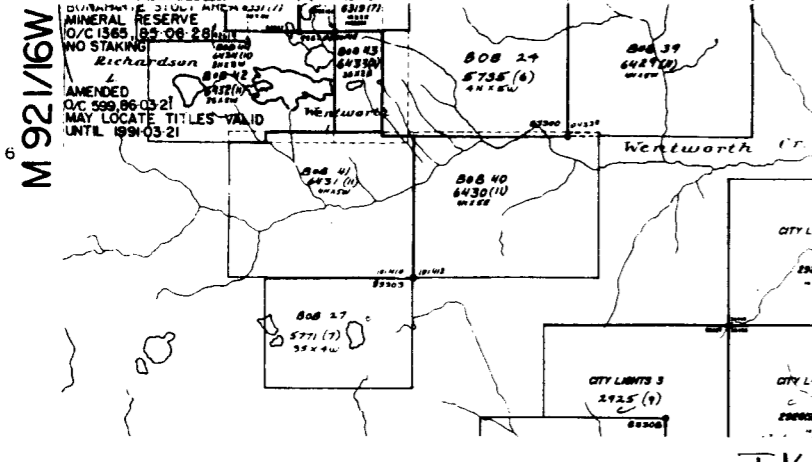
BY: D.N./p.s.
DATE: DECEMBER, 1989

FIGURE: 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,616



BONAPARTE
WEST

BONAPARTE
CENTRAL
(DISCOVERY)

BOB
233

BOB
232

BOB
231

BOB
33

BOB
45

BOB
21

BOB
47

STOB
1

STOB
2

STU
1

BOB
23

BOB
22

BOB
48

BOB
35

STOB
3

STOB
4

STU
2

RIDGE
GRID

BOB
24

BOB
39

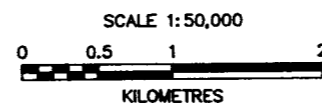
BOB
42

BOB
43

BOB
41

BOB
40

51'00"N



APPIAN RESOURCES LTD.
BONAPARTE EAST PROPERTY
KAMLOOPS DIVISION, B.C. NTS: 92 1/16 & 92 P/1

CLAIM MAP

BY: D.N./p.s.
DATE: DECEMBER, 1989

FIGURE: 2

values were followed up with geological mapping, rock sampling, and silt sampling. In 1984 gold bearing quartz-vein stockworks were discovered nearby within a No-staking reserve although this area was subsequently released and staked. Further staking in 1985 and 1986 was followed by prospecting, rock sampling, and silt sampling.

In 1986 the claim group was divided into three blocks which were optioned, with a right to earn up to a 50% interest, to three companies of the Hughes Lang Group; 1) Bonaparte West to Gallant Gold Mines Ltd., 2) Bonaparte Discovery to Hughes Lang Corp. (later returned to Inter-Pacific), and 3) Bonaparte East to Gabriel Resources Inc. In late 1988, Gabriel became the owner of the Bonaparte East property subject to retained interests. In 1989, Gabriel Resources amalgamated with three other companies to become Appian Resources Inc.

Trenching and drilling were completed on the Bonaparte Discovery property during 1987, 1988 and early 1989. High gold values, up to several ounces per ton (opt), have been obtained but intersections were narrow and grades sporadic. This property is now owned by Inter-Pacific Resource Corp.

The most significant results returned from the Bonaparte East property are 0.022 opt gold within a narrow quartz vein and 2.13 opt gold from angular quartz float.

1.4 1989 EXPLORATION PROGRAMME

The 1989 exploration programme was designed to test an area of favourable geology with soil geochemistry. Prospecting along a logging road cut revealed similar rock types and mineralization to that seen in the Bonaparte Discovery zone. This included metasediments, metavolcanics and hornblende diorite, as well as narrow quartz veinlets in several locations.

The programme involved establishing 6.1 kilometres of flagged lines (Ridge Grid) which was followed by soil geochemical sampling, rock sampling and prospecting. The Ridge Grid extends from the southeast corner of the 1988 grid, which partially covered all three Bonaparte properties, and uses the same grid coordinates.

2.0 GEOLOGY

2.1 REGIONAL GEOLOGY

The property covers the boundary (51° 00'N) between three regional mapping programmes. The claim area was described as being Carboniferous to Permian Cache Creek Group rocks capped by Miocene Kamloops Group rocks by Cockfield (1948). Campbell and Tipper (1971) classified the claim area as argillite, quartzite, hornfels, volcanic arenite, limestone, augite andesite, quartz-mica schist and greenstone of Pennsylvanian and Permian age. This sequence was intruded by quartz diorite to granodiorite Mesozoic Thuya and Takomkane Batholiths.

In 1983, McMillan and Monger mapped the south portion of the claim block as predominantly volcanic and sedimentary Paleozoic and Mesozoic rocks. Volcanic rocks consist of augite porphyry, bladed feldspar porphyry, chlorite schist and metabasalt similar to the Triassic Nicola Group. Sedimentary strata include argillite, phyllite, siltstone, volcanic and chert grain sandstone, chert pebble conglomerate, volcanoclastics and carbonate pods. These are intruded by quartz monzonite, quartz diorite and granodiorite of the Triassic and Jurassic Guichon Creek Batholith. Miocene plateau basalts consisting predominantly of olivine basalt, andesite and minor tuff top the older rocks.

2.2 PROPERTY GEOLOGY

Portions of the property have been geologically mapped during previous years at a scale of 1:10,000. Rock sampling was completed on the Ridge grid in 1989. Lithologies on the claims can be divided into three groups: 1) metasedimentary and metavolcanics, 2) intrusive rocks and 3) basaltic flows.

The oldest group consists of slightly to moderately metamorphosed phyllitic shales, argillaceous siltstone, greywacke, autobrecciated flows, agglomerate, breccia and rare tuff, limestone and conglomerate. Cross bedding, graded bedding and pillow structures have been observed (McClintock, 1987). Argillaceous sedimentary rocks have been hornfelsed adjacent to intrusions.

Intrusive rocks include dykes and stocks of feldspar and hornblende porphyritic diorite and biotite quartz monzonite. The composition and crystal size vary locally, especially within the diorite.



BOB 24

BOB 39

BPE-DN-89-1,2
1 min

58+50E

60+50E

62+50E

64+50E

66+00E



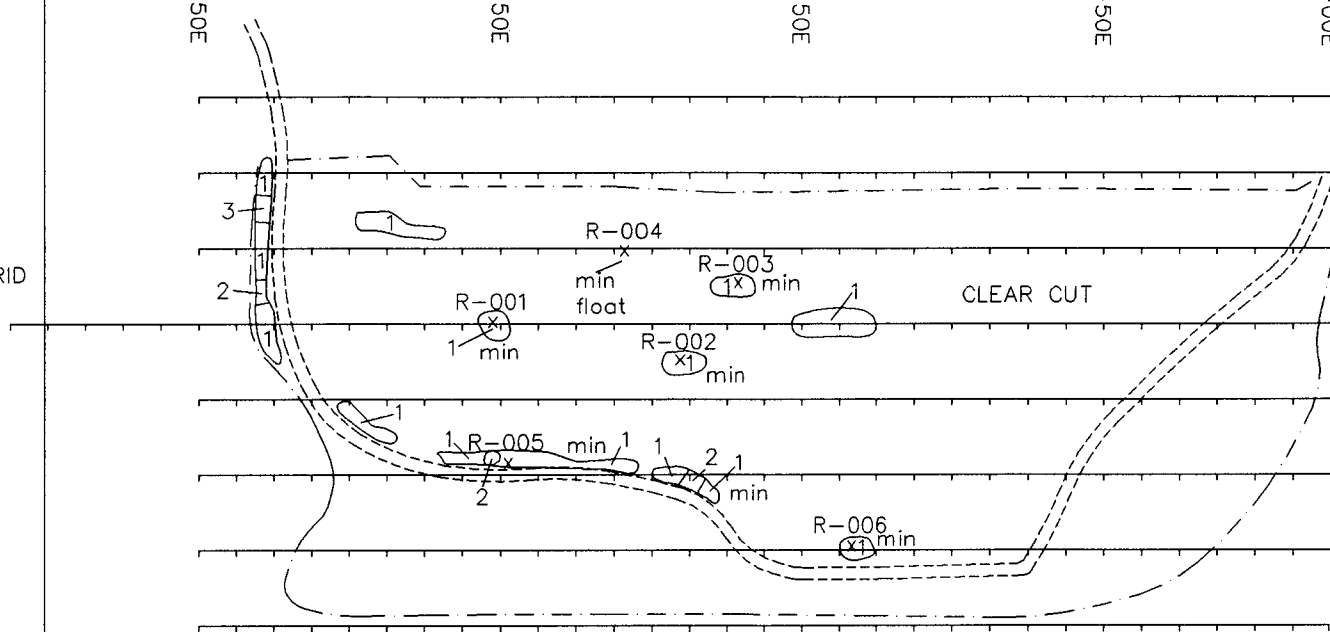
L17+00N

L16+00N

L15+00N

L14+00N

SE CORNER
OF 1988 GRID



LEGEND

- xR-003 Rock sample locations
- - - Edge of clearcut
- - - - Logging road
- Claim boundary
- Outcrop
- 1 Argillite, Chlorite Schist, Meta Basalt, Phyllite
- 3 Diorite
- 2 Monzonite
- min Py &/or qtz veining

APPIAN RESOURCES LTD.

BONAPARTE EAST

KAMLOOPS MINING DIVISION, B.C. NTS: 921/16, P/1

RIDGE GRID
GEOLOGY & ROCK SAMPLE
LOCATION MAP

BY: D.N./p.s.
DATE: NOVEMBER, 1989

FIGURE: 3

SCALE 1:5,000



Miocene basaltic to andesitic lavas and tuffs unconformably overlie a majority of the property.

Prospecting along a road cut through the Ridge Grid revealed metasedimentary and metavolcanic rocks as well as both diorite and monzonite dykes. Mineralization observed consisted of quartz veining and minor disseminated pyrite hosted within metasediments and diorite. Quartz veins were narrow (<15 centimetres), discontinuous, variably orientated and mineralization consisted of iron oxide staining. Some quartz veins also included a minor amount of carbonate.

Eight rock samples were taken from the grid (Figure 3). Assay results are located in Appendix A and descriptions of the samples are listed in Table 2.

TABLE 2
ROCK SAMPLE DESCRIPTIONS

R001	16+00N,59+90E	schist with quartz
R002	16+00N,61+15E	schist with FeO stained quartz
R003	16+40N,61+20E	15 cm quartz vein in siltstone
R004	16+50N,61+75E	quartz rubble
R005	15+00N,60+00E	schist with minor quartz veining
R006	14+50N,62+25E	quartz/carb in schist w/minor py
BPE1	18+50N,56+50E	quartz pods in argillite
BPE2	18+50N,56+50E	quartz pods in argillite

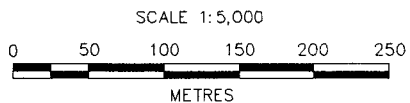
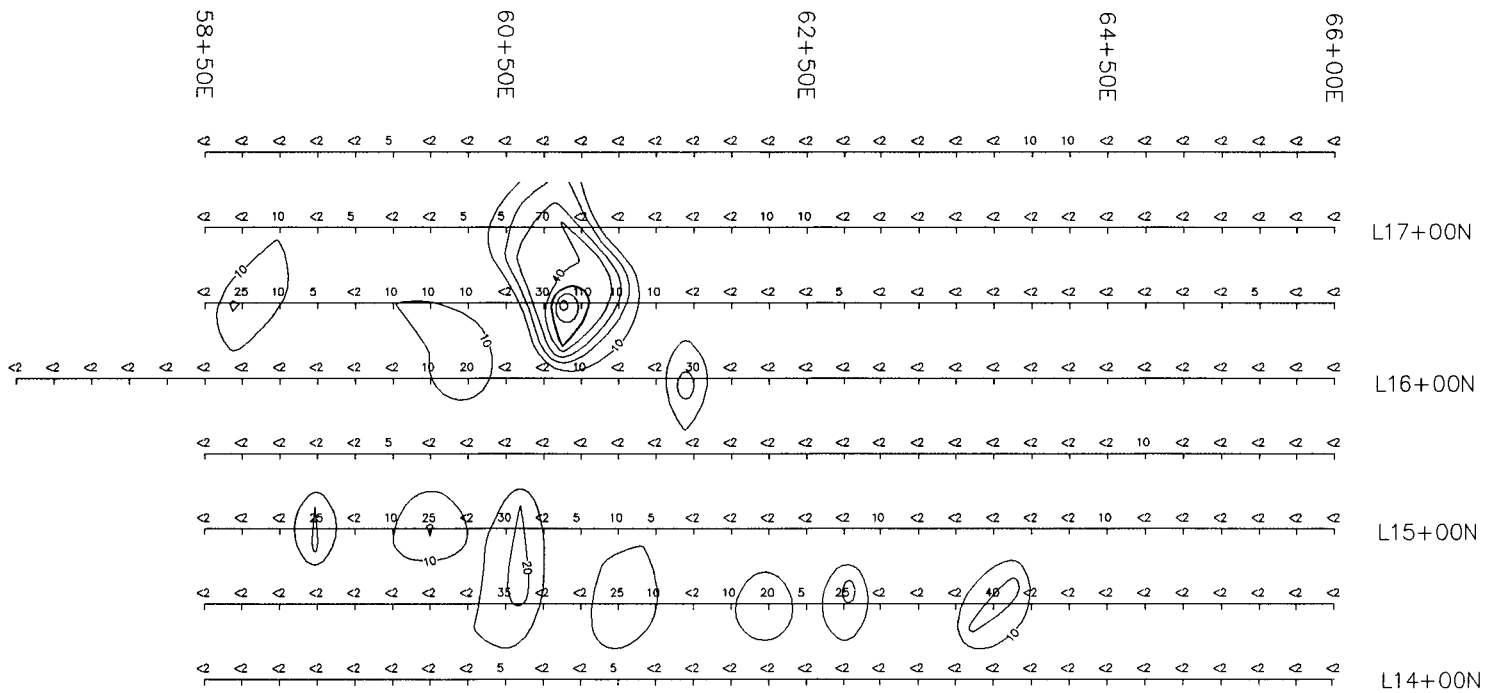
3.0 GEOCHEMISTRY

3.1 SOIL SAMPLES

A total of 253 soil samples were taken from the Ridge Grid. Samples were taken at 25 metre intervals along 50 metre spaced lines. All soil samples were collected from the "B" soil horizon, which averaged 25 centimetres below the surface. The grid area was chosen as being an area of shallow overburden and thus conducive to a soil geochemical sampling programme.

The samples were sent to Chemex Labs, where they were oven dried and sieved to minus 80 mesh, and the fine fraction then pulverised and analysed. Gold was analysed using the FA-AAS method, and 32 elements were analysed by the ICP-AES method.

Assay results are presented in the Appendix. Gold, arsenic, molybdenum and copper are plotted on figures 4 to 7. The gold soil samples include several anomalous values of similar density and only slightly lower magnitude than those found over the Bonaparte Discovery zone.



Note: Contour interval = 10ppb

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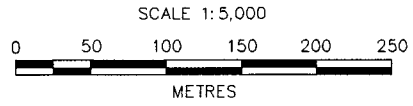
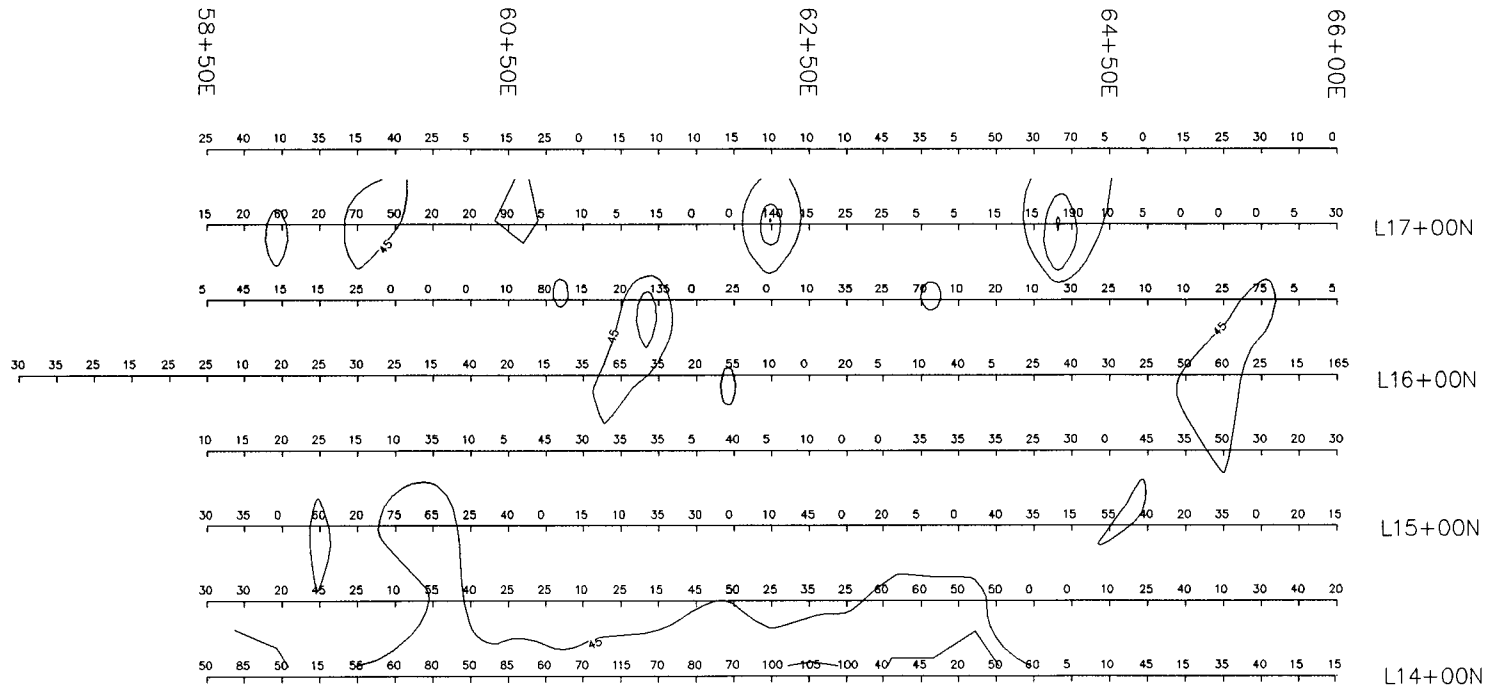
BONAPARTE EAST

KAMLOOPS MINING DIVISION, B.C. NTS: 92I/16, P/1

Au CONTOUR MAP

BY: D.N./p.s.
DATE: NOVEMBER, 1989

FIGURE: 4



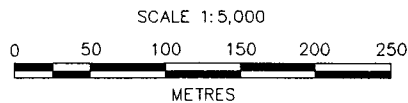
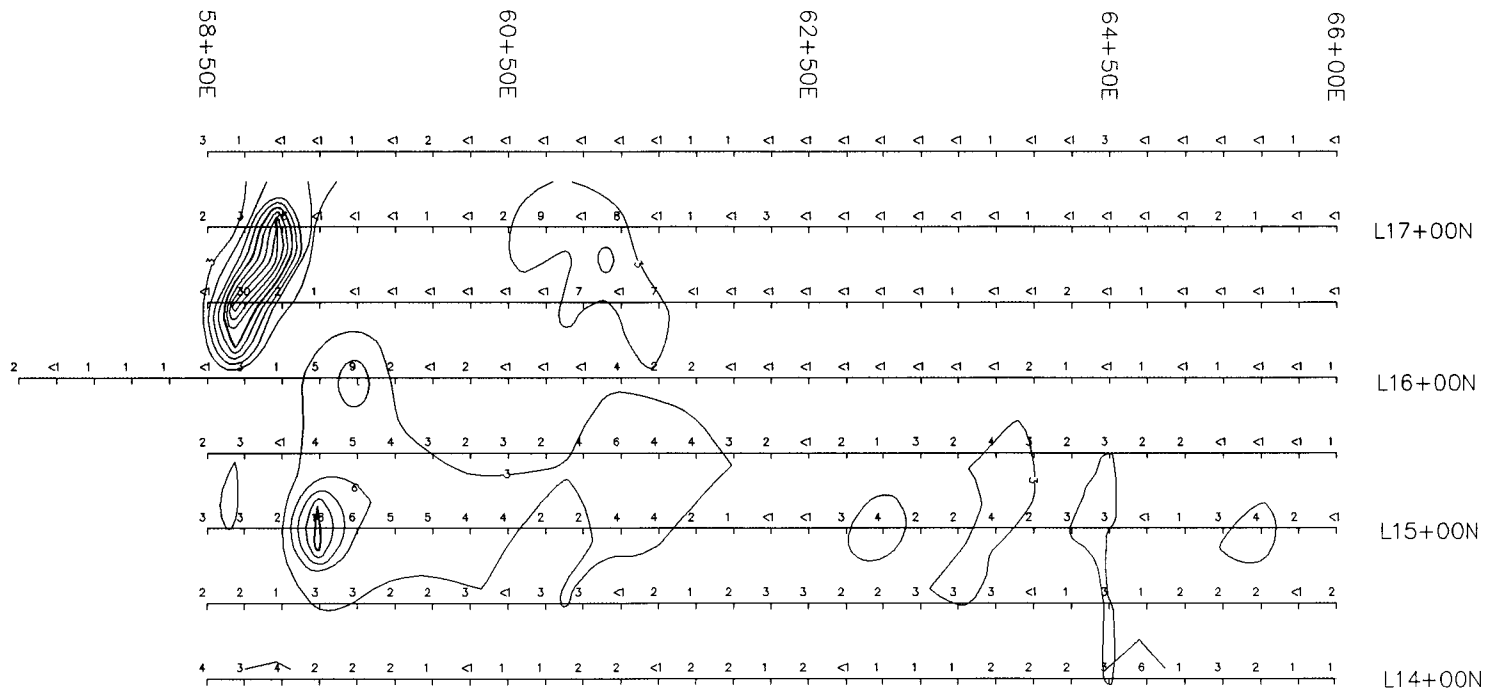
Note: Contour interval = 45ppm

APPIAN RESOURCES LTD.
 BONAPARTE EAST
 KAMLOOPS MINING DIVISION, B.C. NTS: 921/16, P/1

As CONTOUR MAP

BY: D.N./p.s.
 DATE: NOVEMBER, 1989

FIGURE: 5



Note: Contour interval = 3ppm

APPIAN RESOURCES LTD.

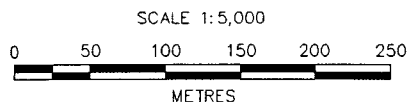
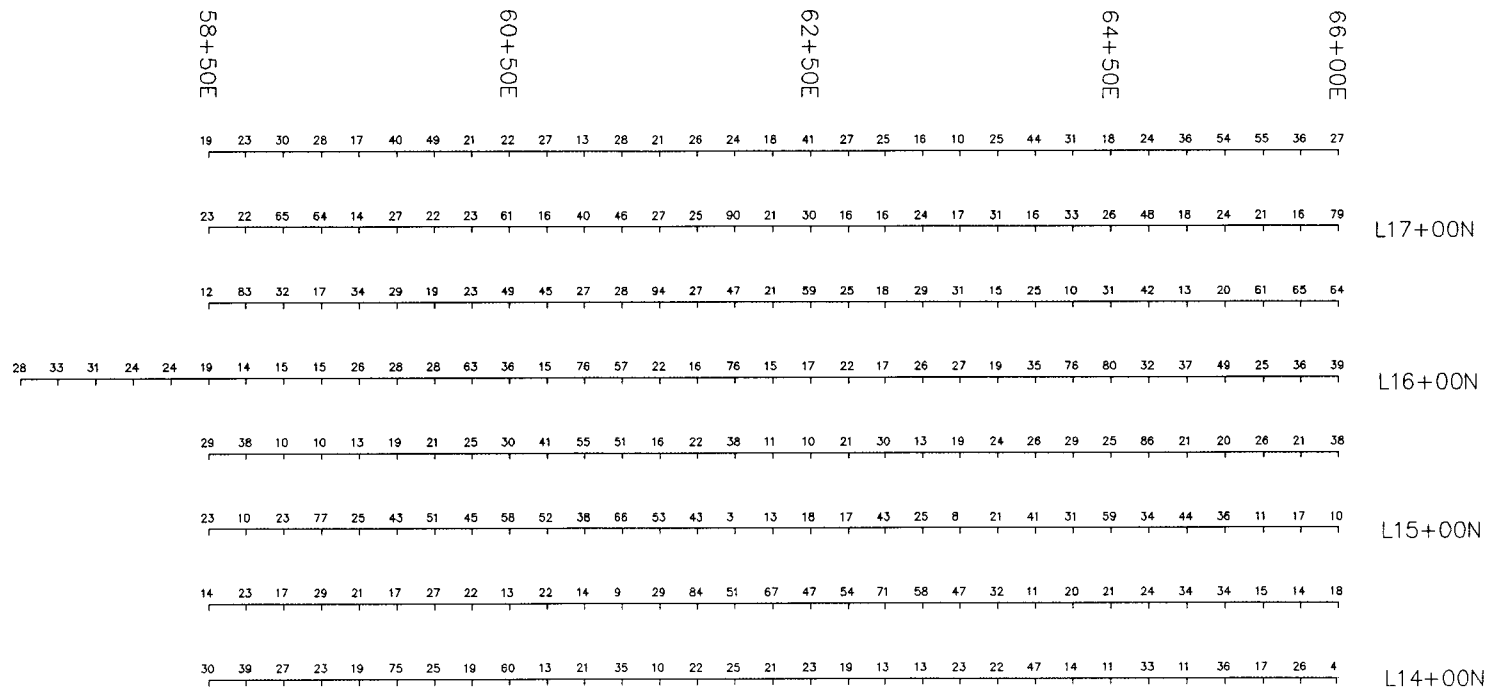
BONAPARTE EAST

KAMLOOPS MINING DIVISION, B.C. NTS: 921/16, P/1

Mo CONTOUR MAP

BY: D.N./p.s.
DATE: NOVEMBER, 1989

FIGURE: 6



APPIAN RESOURCES LTD.

BONAPARTE EAST

KAMLOOPS MINING DIVISION, B.C. NTS: 92I/16, P/1

Cu GEOCHEM MAP

Note: Cu in ppm

BY: D.N./p.s.
DATE: NOVEMBER, 1989

FIGURE: 7

4.0 DISCUSSION

During September of 1989 the 1988 grid was extended to the southeast and subsequently soil and rock sampled. The eight rock samples analyzed did not return any anomalous precious or base metal values. Soil sampling returned several anomalous Au, Mo, and As values although their distribution is spotty. Based on the reported irregular distribution of gold within generally narrow and discontinuous quartz veins on the bordering Bonaparte Discovery property, an uneven soil anomaly pattern would be expected. Although significant, the 1989 soil anomalies are not as impressive as those found in 1987-88 to the northwest on the upper drainages of Cooler Creek.

The exploration target for the property remains high grade gold bearing quartz veins or a lower grade stockwork system. To determine the potential for economic mineralization underlying the 1989 soil anomalies a more detailed programme of rock sampling and mapping would be required.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'R. A. [unclear]', written in a cursive style.

BIBLIOGRAPHY

Campbell, R.B. and Tipper, H.W., 1965; Geology of Bonaparte Lake map-area, British Columbia, Geological Survey of Canada Memoir 363.

Gosse, R.R., 1986; Bonaparte Property-Discovery Zone, Diamond Drilling, Trenching and Geophysics; Minequest Report #146

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Peatfield, G.R., 1986; Geology, Rock and Soil Geochemistry, Geochemistry, Geophysics and Diamond Drilling on the BOB 1986 Group (Bonaparte Property) for Inter-Pacific Resource Corp. and GoldQuest I Limited Partnership; Minequest Exploration Associates Ltd. report #130

BONAPARTE EAST
MARCH 29 - OCTOBER 22, 1989

GENERAL COST

Food and Accommodation, 2 pers., 17 mdays	\$ 918.36
Supplies	215.68
Fuel	298.73
Shipments	131.72
Bus Fares	52.80
Taxis	33.50
Tolls	20.00
Rentals	
HLX Res. 4WD Blazer, 4days @ \$60	240.00
J. Randa van, 9 days @ 61.78	556.00
Ezekiel field equipment, 17 days @ 10	170.00
Maintenance	872.80
Consulting fees	
Adder Exploration and Development	166.67
Archean Engineering Ltd.	1,625.00
Report Preparation	<u>3,393.14</u>
TOTAL GENERAL COST	<u>8,694.40</u>

ROAD FLAGGING

Salaries and benefits	
1 pers., 4mdays @ \$160.00	639.98
General cost apportioned (4/17x8,694.40)	<u>2,045.74</u>
TOTAL ROAD FLAGGING COST	<u>2,685.72</u>

GEOLOGICAL MAPPING

Salaries and benefits	
1 pers., 4 mdays @ \$160.00	639.98
General cost apportioned (4/17x8,694.40)	<u>2,045.74</u>
TOTAL GEOLOGICAL MAPPING COST	<u>2,685.72</u>

GEOCHEMICAL SURVEY COST

Salaries and wages	
1 pers., 9 mdays @ 200.00	1,800.00
Assays and analyses - Chemex Labs	
253 soil for Au and 32 elem. ICP @ \$19.75	4,996.75
8 rock for Au and 32 elem. ICP @ \$20.00	160.00
General cost apportioned (9/17x\$8,694.40)	<u>4,602.92</u>
TOTAL GEOCHEMICAL SURVEY COST	<u>9,759.67</u>

ROAD FLAGGING	2,685.72
GEOLOGICAL MAPPING	2,685.72
TOTAL GEOCHEMICAL SURVEY COST	<u>9,759.67</u>
TOTAL COST	<u>15,131.11</u>

STATEMENT OF QUALIFICATIONS**DAVID NEWTON, B.Sc. (Hon.) Geology****Academic**

- 1986 B.Sc. (Hon) in Geology University of British Columbia
Vancouver, British Columbia
- 1981 Mining Technologist B.C. Institute of Technology,
Burnaby, British Columbia

Practical

- 1986 - present Project geologist with Mark Management,
Hughes-Lang Group
- 1988 Mark Management Diamond and rotary
drilling programs in Iskut
River and Wells areas.
- 1987 Mark Management Diamond and Percussion
drilling programs in Quesnel
area.
- 1986 Mark Management Diamond drilling, geophysics
and geochemical surveys near
Atlin and Quesnel.
- 06 1985 St. Joe Canada Backhoe trenching and
-09 1985 geophysical surveys in
Toodoggone.
- 05 1984 Mark Management Geological mapping, geochemical
-08 1984 and geophysical surveys in
Atlin.
- 05 1983 Mohawk Oil Co. Ltd Geological mapping,
-09 1983 (Mining Division) geochemical and geophysical
-06 1981 Vernon, B.C. surveys in B.C.
-09 1982
- 05 1980 Dentonia Resources Geochemical and geophysical
-08 1980 surveys in southern B.C.

APPENDIX A - CERTIFICATE OF ANALYSIS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

PHONE (604) 984-0221

TOM HUGHES LANG EXPLORATIONS LTD.

1900 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

A8923830

Comments: ATTN: ART TROUP CC: LINDA DANDY

CERTIFICATE A8923830

HUGHES LANG EXPLORATIONS LTD

PROJECT : EZEHIEL/PLASWAY

P.O.# :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 31-AUG-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
203	109	Dry, sieve -35 mesh and ring
217	2	Geochem: Ring only, no crush/split
238	109	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	109	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
921	109	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	109	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	109	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	109	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	109	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	109	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	109	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	109	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	109	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	109	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	109	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	109	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	109	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	109	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	109	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	109	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	109	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	109	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	109	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	109	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	109	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	109	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	109	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	109	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	109	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	109	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	109	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	109	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	109	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	109	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	109	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	109	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

PHONE (604) 984-0221

To THE LANG EXPLORATIONS LTD.

1900 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : APIAN BONAPARTE

Comments :

Page No. 4
Tot. Page

Date : 26-OCT-89

Invoice # : I-8928172

P.O. #

CERTIFICATE OF ANALYSIS A8928172

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
L14N 58+50E	201 238	< 5	2.07	0.4	50	120	< 0.5	< 2	0.39	< 0.5	19	63	30	4.63	< 10	< 1	0.18	< 10	0.81	415
L14N 58+75E	201 238	< 5	3.38	0.6	85	170	< 0.5	< 2	0.33	< 0.5	21	60	39	5.02	< 10	< 1	0.14	< 10	0.88	385
L14N 59+00E	201 238	< 5	2.62	0.4	50	120	< 0.5	< 2	0.27	< 0.5	16	52	27	4.30	< 10	< 1	0.08	10	0.69	415
L14N 59+25E	201 238	< 5	2.10	0.4	15	120	< 0.5	< 2	0.46	< 0.5	14	49	23	3.55	< 10	< 1	0.12	< 10	0.57	420
L14N 59+50E	201 238	< 5	3.10	0.8	55	120	< 0.5	< 2	0.34	< 0.5	15	52	19	4.66	< 10	< 1	0.09	< 10	0.56	345
L14N 59+75E	201 238	< 5	3.56	1.8	60	200	< 0.5	< 2	1.46	< 0.5	13	46	75	4.02	< 10	< 1	0.09	10	0.53	725
L14N 60+00E	201 238	< 5	2.66	0.6	80	150	< 0.5	< 2	0.89	< 0.5	15	49	25	3.78	< 10	< 1	0.07	< 10	0.59	820
L14N 60+25E	201 238	< 5	3.55	0.6	50	200	< 0.5	< 2	0.65	< 0.5	13	35	19	3.81	< 10	< 1	0.09	10	0.65	355
L14N 60+50E	201 238	< 5	3.28	0.6	85	210	< 0.5	< 2	0.42	< 0.5	20	68	60	4.62	< 10	< 1	0.11	10	1.01	625
L14N 60+75E	201 238	< 5	3.06	0.6	60	120	< 0.5	< 2	0.27	< 0.5	16	52	13	4.52	< 10	< 1	0.11	< 10	0.59	360
L14N 61+00E	201 238	< 5	2.94	0.8	70	120	< 0.5	< 2	0.32	< 0.5	15	52	21	4.12	< 10	< 1	0.10	10	0.66	560
L14N 61+25E	201 238	< 5	2.99	0.6	115	170	< 0.5	< 2	0.29	< 0.5	16	67	35	4.54	< 10	< 1	0.13	10	0.97	720
L14N 61+50E	201 238	< 5	2.13	0.6	70	120	< 0.5	< 2	0.27	< 0.5	13	52	10	3.86	< 10	< 1	0.10	< 10	0.50	325
L14N 61+75E	201 238	< 5	2.95	0.8	80	150	< 0.5	< 2	0.27	< 0.5	17	52	22	4.30	< 10	< 1	0.12	< 10	0.70	370
L14N 62+00E	201 238	< 5	2.63	0.6	70	110	< 0.5	< 2	0.76	< 0.5	14	49	25	3.56	< 10	< 1	0.10	10	0.53	990
L14N 62+25E	201 238	< 5	2.92	0.6	100	150	< 0.5	< 2	0.56	< 0.5	14	50	21	3.80	< 10	< 1	0.07	< 10	0.60	605
L14N 62+50E	201 238	< 5	3.22	0.8	105	100	< 0.5	< 2	0.33	< 0.5	19	62	23	4.12	< 10	< 1	0.13	< 10	0.79	460
L14N 62+75E	201 238	< 5	2.34	0.6	100	130	< 0.5	< 2	0.30	< 0.5	15	52	19	3.66	< 10	< 1	0.13	< 10	0.71	815
L14N 63+00E	201 238	< 5	2.47	0.2	40	90	< 0.5	< 2	0.25	< 0.5	16	53	13	3.86	< 10	< 1	0.07	< 10	0.63	380
L14N 63+25E	201 238	< 5	2.80	0.2	45	120	< 0.5	< 2	0.29	< 0.5	14	52	13	3.69	< 10	< 1	0.11	< 10	0.55	695
L14N 63+50E	201 238	< 5	2.87	0.4	20	110	< 0.5	< 2	0.25	< 0.5	17	70	23	4.20	< 10	< 1	0.11	< 10	0.82	360
L14N 63+75E	201 238	< 5	2.97	0.2	50	160	< 0.5	< 2	0.31	< 0.5	16	64	22	3.92	< 10	< 1	0.12	< 10	0.72	365
L14N 64+00E	201 238	< 5	2.74	0.2	60	180	< 0.5	< 2	0.44	< 0.5	22	69	47	4.69	< 10	< 1	0.32	10	0.95	585
L14N 64+25E	201 238	< 5	2.05	0.2	5	100	< 0.5	< 2	0.27	< 0.5	16	55	14	3.82	< 10	< 1	0.10	< 10	0.61	585
L14N 64+50E	201 238	< 5	1.91	0.2	10	120	< 0.5	< 2	0.32	< 0.5	13	51	11	3.37	< 10	< 1	0.10	< 10	0.55	550
L14N 64+75E	201 238	< 5	2.93	< 0.2	45	140	< 0.5	< 2	0.45	< 0.5	19	73	33	4.32	< 10	< 1	0.14	< 10	0.83	690
L14N 65+00E	201 238	< 5	3.15	0.2	15	140	< 0.5	< 2	0.34	0.5	17	52	11	3.94	< 10	< 1	0.11	< 10	0.59	550
L14N 65+25E	201 238	< 5	3.32	0.4	35	220	< 0.5	< 2	0.33	0.5	20	53	36	4.23	< 10	< 1	0.13	< 10	0.76	445
L14N 65+50E	201 238	< 5	3.00	0.8	40	140	< 0.5	< 2	0.25	< 0.5	15	41	17	3.45	< 10	< 1	0.10	< 10	0.51	340
L14N 65+75E	201 238	< 5	2.54	0.6	15	160	< 0.5	< 2	0.53	0.5	16	61	26	4.13	< 10	< 1	0.07	10	0.74	425
L14N 66+00E	201 238	< 5	1.44	0.4	15	90	< 0.5	< 2	0.36	< 0.5	10	38	4	2.98	< 10	< 1	0.09	< 10	0.34	700
L14+50N 58+50E	201 238	< 5	2.77	0.2	30	170	< 0.5	< 2	0.26	< 0.5	17	54	14	4.22	< 10	< 1	0.09	< 10	0.65	480
L14+50N 58+75E	201 238	< 5	3.38	0.4	30	180	< 0.5	< 2	0.24	0.5	18	60	23	4.80	< 10	< 1	0.17	< 10	0.79	455
L14+50N 59+00E	201 238	< 5	2.71	0.6	20	120	< 0.5	< 2	0.39	< 0.5	14	50	17	3.81	< 10	< 1	0.09	< 10	0.52	380
L14+50N 59+25E	201 238	< 5	2.40	0.4	45	170	< 0.5	< 2	0.57	< 0.5	20	62	29	4.79	< 10	< 1	0.21	10	1.05	800
L14+50N 59+50E	201 238	< 5	2.72	0.4	25	120	< 0.5	< 2	0.85	0.5	15	50	21	4.00	< 10	< 1	0.06	10	0.77	460
L14+50N 59+75E	201 238	< 5	3.18	0.8	10	90	< 0.5	< 2	0.71	0.5	13	52	17	3.91	< 10	< 1	0.04	< 10	0.61	320
L14+50N 60+00E	201 238	< 5	3.74	1.2	55	210	< 0.5	< 2	0.68	< 0.5	14	51	27	4.24	< 10	< 1	0.04	10	0.61	340
L14+50N 60+25E	201 238	< 5	2.61	1.0	40	170	< 0.5	< 2	0.49	< 0.5	10	46	22	3.16	< 10	< 1	0.08	10	0.48	300
L14+50N 60+50E	201 238	35	2.41	0.4	25	110	< 0.5	< 2	0.28	< 0.5	13	50	13	3.82	< 10	< 1	0.09	< 10	0.50	345

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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To GHESS LANG EXPLORATIONS LTD.

1900 - 999 W. HASTINGS ST.

VANCOUVER, BC

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Project : APIAN BONAPARTE

Comments :

Page No. B

Tot. Pages: 7

Date : 26-OCT-89

Invoice # : I-8928172

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CERTIFICATE OF ANALYSIS A8928172

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
L14N 58+50E	201 238	4	0.02	49	480	2	10	5	31	0.49	< 10	< 10	120	< 10	150
L14N 58+75E	201 238	3	0.02	59	900	2	15	5	30	0.42	< 10	< 10	120	< 10	162
L14N 59+00E	201 238	4	0.02	43	570	2	5	5	27	0.49	< 10	< 10	113	< 10	192
L14N 59+25E	201 238	2	0.01	33	1190	6	5	4	38	0.34	< 10	< 10	90	< 10	120
L14N 59+50E	201 238	2	0.01	41	2190	4	10	4	27	0.37	< 10	< 10	110	< 10	216
L14N 59+75E	201 238	2	0.03	58	830	4	10	8	78	0.24	< 10	< 10	68	< 10	90
L14N 60+00E	201 238	1	0.02	35	590	2	5	5	51	0.36	< 10	< 10	95	< 10	164
L14N 60+25E	201 238	< 1	0.02	44	810	2	10	6	38	0.26	< 10	< 10	79	< 10	208
L14N 60+50E	201 238	1	0.02	79	680	6	10	7	36	0.34	< 10	< 10	107	< 10	160
L14N 60+75E	201 238	1	0.01	41	1590	2	10	4	21	0.41	< 10	< 10	103	< 10	174
L14N 61+00E	201 238	2	0.01	45	1350	4	10	4	26	0.29	< 10	< 10	87	< 10	198
L14N 61+25E	201 238	2	0.01	50	560	4	10	6	27	0.40	< 10	< 10	105	< 10	134
L14N 61+50E	201 238	< 1	0.01	35	1260	6	10	3	23	0.35	< 10	< 10	93	< 10	114
L14N 61+75E	201 238	2	0.01	50	1590	2	10	4	21	0.37	< 10	< 10	98	< 10	150
L14N 62+00E	201 238	2	0.02	43	400	4	10	4	35	0.30	10	< 10	76	< 10	144
L14N 62+25E	201 238	1	0.03	59	290	6	15	5	35	0.34	10	< 10	82	< 10	160
L14N 62+50E	201 238	2	0.01	65	1070	4	15	5	22	0.28	< 10	< 10	89	< 10	196
L14N 62+75E	201 238	< 1	0.01	39	770	6	10	4	23	0.33	10	10	85	< 10	120
L14N 63+00E	201 238	1	0.01	39	600	10	5	4	16	0.34	< 10	< 10	89	< 10	132
L14N 63+25E	201 238	1	0.01	39	1430	8	< 5	3	22	0.30	< 10	< 10	77	< 10	142
L14N 63+50E	201 238	1	0.01	45	690	6	< 5	4	18	0.39	< 10	< 10	100	< 10	106
L14N 63+75E	201 238	2	0.02	45	1150	2	< 5	5	28	0.35	< 10	< 10	88	< 10	138
L14N 64+00E	201 238	2	0.02	54	720	8	< 5	6	36	0.43	< 10	< 10	105	< 10	154
L14N 64+25E	201 238	2	0.01	39	830	6	< 5	4	20	0.37	< 10	< 10	96	< 10	148
L14N 64+50E	201 238	3	0.01	30	1440	10	< 5	3	23	0.30	< 10	< 10	78	< 10	158
L14N 64+75E	201 238	6	0.01	66	1030	4	< 5	4	32	0.36	< 10	< 10	102	< 10	194
L14N 65+00E	201 238	1	0.02	44	3360	< 2	< 5	4	28	0.29	< 10	< 10	86	< 10	240
L14N 65+25E	201 238	3	0.02	61	920	< 2	5	5	25	0.32	< 10	< 10	91	< 10	170
L14N 65+50E	201 238	2	0.02	37	2040	4	< 5	3	19	0.24	< 10	< 10	72	< 10	182
L14N 65+75E	201 238	1	0.02	39	410	4	< 5	5	30	0.40	< 10	< 10	104	< 10	116
L14N 66+00E	201 238	1	0.02	19	1090	< 2	5	2	24	0.30	< 10	< 10	78	< 10	114
L14+50N 58+50E	201 238	2	0.01	47	1270	6	< 5	4	25	0.38	< 10	< 10	104	< 10	166
L14+50N 58+75E	201 238	2	0.01	55	1220	< 2	< 5	6	25	0.41	< 10	10	117	< 10	148
L14+50N 59+00E	201 238	1	0.02	36	1220	< 2	< 5	4	29	0.34	< 10	< 10	89	< 10	148
L14+50N 59+25E	201 238	3	0.03	35	700	< 2	< 5	10	52	0.45	< 10	< 10	125	< 10	110
L14+50N 59+50E	201 238	3	0.03	43	450	< 2	< 5	8	46	0.31	< 10	< 10	93	< 10	138
L14+50N 59+75E	201 238	2	0.02	37	250	2	< 5	6	41	0.32	< 10	< 10	91	< 10	130
L14+50N 60+00E	201 238	2	0.03	51	310	8	< 5	7	51	0.32	< 10	< 10	97	< 10	150
L14+50N 60+25E	201 238	3	0.01	49	470	12	< 5	4	31	0.24	< 10	< 10	72	< 10	138
L14+50N 60+50E	201 238	< 1	0.01	38	840	4	< 5	3	22	0.35	< 10	< 10	97	< 10	138

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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TO: GHESS LANG EXPLORATIONS LTD.

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Project : APIAN BONAPARTE
 Comments :

Page No. -A
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CERTIFICATE OF ANALYSIS A8928172

SAMPLE DESCRIPTION	PREP CODE	Au ppt FAHA	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
L14+50N 60+75E	201 238	< 5	3.23	0.6	25	130	< 0.5	< 2	0.34	0.5	16	64	22	4.36	< 10	< 1	0.09	< 10	0.71	375
L14+50N 61+00E	201 238	< 5	3.37	0.8	10	140	< 0.5	< 2	0.25	0.5	13	52	14	4.15	< 10	< 1	0.09	< 10	0.59	315
L14+50N 61+25E	201 238	25	2.64	0.6	25	110	< 0.5	< 2	0.28	< 0.5	11	52	9	3.59	< 10	< 1	0.08	< 10	0.51	285
L14+50N 61+50E	201 238	10	2.66	0.6	15	150	< 0.5	< 2	0.84	0.5	17	58	29	4.33	< 10	< 1	0.20	10	0.98	595
L14+50N 61+75E	201 238	< 5	2.88	0.4	45	350	< 0.5	< 2	0.97	1.0	21	83	84	4.60	< 10	< 1	0.59	10	1.53	710
L14+50N 62+00E	201 238	10	2.33	0.4	50	240	< 0.5	< 2	0.79	< 0.5	17	62	51	4.64	< 10	< 1	0.23	10	1.23	865
L14+50N 62+25E	201 238	20	2.02	0.4	25	210	< 0.5	< 2	0.54	0.5	17	66	67	4.61	< 10	< 1	0.22	10	1.14	880
L14+50N 62+50E	201 238	5	1.98	0.6	35	150	< 0.5	< 2	0.31	0.5	14	54	47	4.59	< 10	< 1	0.18	10	0.80	795
L14+50N 62+75E	201 238	25	1.83	0.6	25	170	< 0.5	< 2	0.48	0.5	18	53	54	4.59	< 10	< 1	0.15	10	1.06	960
L14+50N 63+00E	201 238	< 5	2.64	0.2	60	180	< 0.5	< 2	0.61	< 0.5	18	77	71	4.73	< 10	< 1	0.26	10	1.30	760
L14+50N 63+25E	201 238	< 5	2.68	0.4	60	210	< 0.5	< 2	0.44	< 0.5	19	73	58	5.17	< 10	< 1	0.30	10	1.21	790
L14+50N 63+50E	201 238	< 5	2.60	0.6	50	190	< 0.5	< 2	0.53	< 0.5	20	68	47	5.55	< 10	< 1	0.27	10	1.23	860
L14+50N 63+75E	201 238	40	2.26	0.2	50	170	< 0.5	< 2	0.47	< 0.5	17	57	32	4.16	< 10	< 1	0.21	10	0.91	675
L14+50N 64+00E	201 238	< 5	2.38	0.2	< 5	120	< 0.5	< 2	0.23	< 0.5	15	56	11	3.64	< 10	< 1	0.10	< 10	0.64	510
L14+50N 64+25E	201 238	< 5	2.43	0.2	< 5	120	< 0.5	< 2	0.37	1.0	15	61	20	4.01	< 10	< 1	0.13	< 10	0.87	580
L14+50N 64+50E	201 238	< 5	2.20	0.2	10	140	< 0.5	< 2	0.37	0.5	14	56	21	3.55	< 10	< 1	0.09	< 10	0.75	1125
L14+50N 64+75E	201 238	< 5	2.41	0.4	25	170	< 0.5	< 2	0.45	0.5	17	43	24	3.83	< 10	< 1	0.13	< 10	0.64	420
L14+50N 65+00E	201 238	< 5	2.89	0.4	40	100	< 0.5	< 2	0.23	< 0.5	16	49	34	3.53	< 10	< 1	0.06	< 10	0.64	365
L14+50N 65+25E	201 238	< 5	2.87	0.6	10	140	< 0.5	< 2	0.61	0.5	11	91	34	3.33	< 10	< 1	0.12	< 10	1.03	725
L14+50N 65+50E	201 238	< 5	2.82	0.6	30	140	< 0.5	< 2	0.33	< 0.5	17	43	15	3.73	< 10	< 1	0.09	< 10	0.53	460
L14+50N 65+75E	201 238	< 5	2.42	0.2	40	80	< 0.5	2	0.38	< 0.5	13	51	14	3.62	< 10	< 1	0.06	< 10	0.66	320
L14+50N 66+00E	201 238	< 5	3.32	0.4	20	170	< 0.5	4	0.66	0.5	16	47	18	3.75	< 10	< 1	0.07	< 10	0.53	415
L15N 58+50E	201 238	< 5	2.30	0.2	30	150	< 0.5	4	0.36	< 0.5	13	58	23	3.97	< 10	< 1	0.13	< 10	0.88	450
L15N 58+75E	201 238	< 5	2.05	0.2	35	100	< 0.5	< 2	0.33	< 0.5	9	42	10	3.44	< 10	< 1	0.10	< 10	0.41	365
L15N 59+00E	201 238	< 5	2.99	0.8	< 5	150	< 0.5	4	0.39	2.0	15	52	23	4.22	< 10	< 1	0.10	< 10	0.63	510
L15N 59+25E	201 238	25	2.27	0.6	60	140	< 0.5	< 2	0.52	2.5	17	42	77	5.23	< 10	< 1	0.24	10	0.86	1190
L15N 59+50E	201 238	< 5	2.27	0.6	20	140	< 0.5	< 2	0.33	2.0	13	40	25	4.06	< 10	< 1	0.12	< 10	0.46	1085
L15N 59+75E	201 238	10	2.71	0.4	75	190	< 0.5	< 2	0.31	< 0.5	17	58	43	4.86	< 10	< 1	0.17	10	0.90	605
L15N 60+00E	201 238	25	2.40	1.2	65	140	< 0.5	< 2	0.48	1.0	17	39	51	5.73	< 10	< 1	0.12	20	0.61	1290
L15N 60+25E	201 238	< 5	2.69	0.4	25	240	< 0.5	< 2	0.48	0.5	16	62	45	5.15	< 10	< 1	0.23	10	1.04	685
L15N 60+50E	201 238	30	3.15	0.4	40	240	< 0.5	6	0.39	< 0.5	17	85	58	4.78	< 10	< 1	0.29	10	1.28	580
L15N 60+75E	201 238	5	3.05	0.2	< 5	270	< 0.5	6	0.40	1.5	17	84	52	4.83	< 10	< 1	0.39	10	1.41	705
L15N 61+00E	201 238	5	2.69	0.2	15	210	< 0.5	2	0.45	0.5	18	71	38	4.71	< 10	< 1	0.26	10	1.20	670
L15N 61+25E	201 238	10	2.70	1.0	10	120	< 0.5	< 2	0.91	3.0	18	54	66	4.42	< 10	< 1	0.09	10	0.84	1335
L15N 61+50E	201 238	5	3.74	1.0	35	230	< 0.5	< 2	0.64	2.5	15	48	53	4.04	< 10	< 1	0.11	10	0.65	1955
L15N 61+75E	201 238	< 5	3.23	0.4	30	170	< 0.5	< 2	0.46	0.5	22	83	43	4.53	< 10	< 1	0.13	< 10	1.39	620
L15N 62+00E	201 238	< 5	1.55	0.4	< 5	70	< 0.5	< 2	0.22	1.0	9	31	3	2.65	< 10	< 1	0.08	< 10	0.28	355
L15N 62+25E	201 238	< 5	2.66	0.2	10	130	< 0.5	2	0.42	0.5	15	62	13	3.72	< 10	< 1	0.14	< 10	0.79	795
L15N 62+50E	201 238	< 5	3.21	0.8	45	130	< 0.5	< 2	0.30	< 0.5	14	43	18	3.72	< 10	< 1	0.08	< 10	0.41	410
L15N 62+75E	201 238	< 5	2.71	0.4	< 5	170	< 0.5	< 2	0.35	0.5	16	55	17	4.34	< 10	< 1	0.18	10	0.74	580

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
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Project: APLIAN BONAPARTE

Comments:

Page No. -B
Tot. Pages
Date: 26-OCT-89
Invoice #: I-8928172
P.O. #

CERTIFICATE OF ANALYSIS A8928172

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ki ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14+50N 60+75E	201 238	3	0.02	57	1120	2	< 5	4	25	0.33	< 10	< 10	100	< 10	158
L14+50N 61+00E	201 238	3	0.02	51	1900	6	< 5	4	21	0.32	< 10	< 10	101	< 10	128
L14+50N 61+25E	201 238	1	0.02	30	1070	6	5	4	19	0.33	< 10	< 10	85	< 10	112
L14+50N 61+50E	201 238	2	0.03	55	440	6	< 5	8	47	0.39	< 10	< 10	108	< 10	98
L14+50N 61+75E	201 238	1	0.01	46	1240	< 2	5	11	45	0.30	< 10	< 10	119	< 10	86
L14+50N 62+00E	201 238	2	0.03	41	1160	< 2	< 5	10	82	0.33	< 10	< 10	105	< 10	116
L14+50N 62+25E	201 238	3	0.02	50	890	6	< 5	9	48	0.28	< 10	< 10	94	< 10	104
L14+50N 62+50E	201 238	3	0.01	54	700	6	< 5	8	38	0.30	< 10	< 10	82	< 10	124
L14+50N 62+75E	201 238	2	0.02	46	880	2	5	8	52	0.32	< 10	< 10	91	< 10	98
L14+50N 63+00E	201 238	2	0.02	44	760	< 2	5	10	45	0.30	< 10	< 10	103	< 10	94
L14+50N 63+25E	201 238	3	0.02	44	750	< 2	5	10	47	0.45	< 10	< 10	117	< 10	88
L14+50N 63+50E	201 238	3	0.03	41	820	< 2	5	12	58	0.52	< 10	< 10	123	< 10	94
L14+50N 63+75E	201 238	3	0.01	43	950	< 2	5	6	37	0.37	< 10	< 10	98	< 10	126
L14+50N 64+00E	201 238	1	0.01	57	1280	4	< 5	4	16	0.31	< 10	< 10	89	< 10	194
L14+50N 64+25E	201 238	1	0.01	55	710	< 2	< 5	5	23	0.36	< 10	< 10	103	< 10	160
L14+50N 64+50E	201 238	3	0.01	55	530	2	< 5	4	23	0.33	< 10	< 10	103	< 10	138
L14+50N 64+75E	201 238	1	0.01	47	1530	6	< 5	4	28	0.27	< 10	< 10	83	< 10	212
L14+50N 65+00E	201 238	2	0.02	43	1130	4	5	4	16	0.27	< 10	< 10	81	< 10	150
L14+50N 65+25E	201 238	2	0.02	44	420	4	5	7	31	0.25	< 10	< 10	91	< 10	108
L14+50N 65+50E	201 238	2	0.02	39	1830	< 2	< 5	3	23	0.28	< 10	< 10	83	< 10	148
L14+50N 65+75E	201 238	1	0.01	51	680	4	< 5	4	19	0.31	< 10	< 10	95	< 10	118
L14+50N 66+00E	201 238	2	0.02	43	980	6	< 5	4	35	0.30	< 10	< 10	83	< 10	176
L15N 58+50E	201 238	3	0.02	37	550	2	< 5	5	31	0.40	< 10	< 10	101	< 10	118
L15N 58+75E	201 238	3	0.02	23	1200	8	< 5	3	27	0.32	< 10	< 10	92	< 10	158
L15N 59+00E	201 238	2	0.02	36	1300	< 2	< 5	5	32	0.35	< 10	< 10	101	< 10	200
L15N 59+25E	201 238	18	0.02	70	820	2	< 5	9	41	0.27	< 10	< 10	84	< 10	238
L15N 59+50E	201 238	6	0.01	48	1090	14	5	4	23	0.30	< 10	< 10	89	< 10	290
L15N 59+75E	201 238	5	0.01	48	540	2	< 5	8	48	0.45	< 10	< 10	110	< 10	136
L15N 60+00E	201 238	5	0.01	48	820	2	< 5	7	57	0.22	< 10	< 10	74	< 10	160
L15N 60+25E	201 238	4	0.02	44	630	< 2	< 5	9	47	0.49	< 10	< 10	118	< 10	112
L15N 60+50E	201 238	4	0.02	55	570	< 2	5	8	33	0.37	< 10	< 10	109	< 10	112
L15N 60+75E	201 238	2	0.01	47	530	< 2	< 5	10	32	0.35	< 10	< 10	113	< 10	104
L15N 61+00E	201 238	2	0.02	40	640	< 2	< 5	8	38	0.41	< 10	< 10	107	< 10	96
L15N 61+25E	201 238	4	0.03	79	700	6	< 5	7	46	0.27	< 10	< 10	74	< 10	208
L15N 61+50E	201 238	4	0.03	84	410	8	5	7	42	0.24	< 10	< 10	65	< 10	216
L15N 61+75E	201 238	2	0.01	47	1360	6	< 5	6	21	0.35	< 10	< 10	120	< 10	160
L15N 62+00E	201 238	1	0.02	16	730	2	< 5	2	16	0.24	< 10	< 10	64	< 10	86
L15N 62+25E	201 238	< 1	0.01	35	740	< 2	< 5	4	27	0.33	< 10	< 10	83	< 10	160
L15N 62+50E	201 238	< 1	0.02	43	840	2	< 5	4	32	0.31	< 10	< 10	76	< 10	122
L15N 62+75E	201 238	3	0.01	37	990	4	< 5	5	30	0.43	< 10	< 10	99	< 10	132

CERTIFICATION : B. Coughlin



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CERTIFICATE OF ANALYSIS A8928172

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
L15N 63+00E	201 238	10	2.86	0.2	20	200	< 0.5	< 2	0.35	0.5	17	72	43	4.57	< 10	< 1	0.29	10	1.02	540
L15N 63+25E	201 238	< 5	3.62	0.4	5	220	< 0.5	2	0.37	1.0	20	88	25	4.71	< 10	< 1	0.16	< 10	1.10	485
L15N 63+50E	201 238	< 5	2.96	0.4	< 5	110	< 0.5	< 2	0.31	< 0.5	15	46	8	3.60	< 10	< 1	0.11	< 10	0.55	305
L15N 63+75E	201 238	< 5	3.13	0.6	40	120	< 0.5	< 2	0.36	< 0.5	16	54	21	3.82	< 10	< 1	0.12	< 10	0.65	320
L15N 64+00E	201 238	< 5	2.91	0.4	35	190	< 0.5	2	0.44	< 0.5	19	68	41	4.72	< 10	< 1	0.27	10	1.04	770
L15N 64+25E	201 238	< 5	3.59	0.6	15	190	< 0.5	< 2	0.45	0.5	15	52	31	3.90	< 10	< 1	0.11	< 10	0.62	435
L15N 64+50E	201 238	10	2.56	0.4	55	190	< 0.5	< 2	0.64	1.0	21	64	59	4.75	< 10	< 1	0.15	10	1.22	930
L15N 64+75E	201 238	< 5	2.93	0.6	40	200	< 0.5	2	0.44	< 0.5	15	46	34	3.52	< 10	< 1	0.08	10	0.49	915
L15N 65+00E	201 238	< 5	2.94	0.8	20	150	< 0.5	< 2	1.00	< 0.5	13	61	44	4.20	< 10	< 1	0.06	10	0.78	540
L15N 65+25E	201 238	< 5	2.86	0.2	35	150	< 0.5	2	0.41	< 0.5	18	68	36	4.67	< 10	< 1	0.10	< 10	0.94	485
L15N 65+50E	201 238	< 5	2.18	0.2	< 5	80	< 0.5	< 2	0.31	< 0.5	11	45	11	3.54	< 10	< 1	0.08	< 10	0.51	255
L15N 65+75E	201 238	< 5	3.35	0.2	20	120	< 0.5	< 2	0.43	< 0.5	17	56	17	4.21	< 10	< 1	0.10	< 10	0.74	375
L15N 66+00E	201 238	< 5	3.30	0.2	15	100	< 0.5	< 2	0.30	< 0.5	13	39	10	3.34	< 10	< 1	0.06	< 10	0.33	215
L15+50N 58+50E	201 238	< 5	2.99	0.2	10	200	< 0.5	< 2	0.40	0.5	17	62	29	4.88	< 10	< 1	0.15	10	0.92	540
L15+50N 58+75E	201 238	< 5	2.43	0.2	15	180	< 0.5	2	0.55	0.5	16	59	38	4.95	< 10	< 1	0.19	10	1.08	685
L15+50N 59+00E	201 238	< 5	2.56	0.6	20	80	< 0.5	< 2	0.23	1.0	10	46	10	3.79	< 10	< 1	0.07	< 10	0.42	270
L15+50N 59+25E	201 238	< 5	2.44	0.6	25	70	< 0.5	< 2	0.19	1.0	9	46	10	3.93	< 10	< 1	0.07	< 10	0.40	260
L15+50N 59+50E	201 238	< 5	2.84	0.6	15	100	< 0.5	< 2	0.27	1.5	12	52	13	4.44	< 10	< 1	0.08	< 10	0.44	305
L15+50N 59+75E	201 238	< 5	2.03	0.8	10	130	< 0.5	< 2	0.35	1.0	11	43	19	3.67	< 10	< 1	0.11	< 10	0.43	890
L15+50N 60+00E	201 238	< 5	2.95	0.4	35	150	< 0.5	< 2	0.34	< 0.5	17	60	21	4.41	< 10	< 1	0.13	< 10	0.69	630
L15+50N 60+25E	201 238	< 5	3.19	0.8	10	140	< 0.5	< 2	0.26	0.5	16	62	25	4.32	< 10	< 1	0.11	< 10	0.66	375
L15+50N 60+50E	201 238	< 5	2.82	0.2	5	200	< 0.5	2	0.24	0.5	16	74	30	4.37	< 10	< 1	0.13	< 10	1.02	410
L15+50N 60+75E	201 238	< 5	4.28	0.4	45	270	< 0.5	4	0.29	< 0.5	15	60	41	4.37	< 10	< 1	0.15	10	0.68	380
L15+50N 61+00E	201 238	< 5	3.01	0.4	30	120	< 0.5	< 2	0.29	0.5	27	59	55	4.57	< 10	< 1	0.07	< 10	0.84	325
L15+50N 61+25E	201 238	< 5	3.27	0.4	35	190	< 0.5	< 2	0.30	2.5	21	62	51	4.61	< 10	< 1	0.13	10	1.00	530
L15+50N 61+50E	201 238	< 5	2.18	1.0	35	90	< 0.5	4	0.18	0.5	16	45	16	3.48	< 10	< 1	0.08	< 10	0.58	315
L15+50N 61+75E	201 238	< 5	2.08	0.2	5	140	< 0.5	< 2	0.53	1.0	12	53	22	3.63	< 10	< 1	0.16	< 10	0.64	570
L15+50N 62+00E	201 238	< 5	3.80	< 0.2	40	200	< 0.5	2	0.27	< 0.5	20	87	38	5.04	< 10	< 1	0.15	< 10	1.20	520
L15+50N 62+25E	201 238	< 5	1.67	0.2	5	100	< 0.5	< 2	0.31	0.5	11	46	11	3.21	< 10	< 1	0.09	< 10	0.46	930
L15+50N 62+50E	201 238	< 5	2.56	0.2	10	120	< 0.5	< 2	0.26	< 0.5	15	60	10	4.12	< 10	< 1	0.09	< 10	0.62	545
L15+50N 62+75E	201 238	< 5	2.72	0.4	< 5	170	< 0.5	2	0.34	1.0	16	62	21	4.43	< 10	< 1	0.20	10	0.84	470
L15+50N 63+00E	201 238	< 5	2.98	0.6	< 5	210	< 0.5	< 2	0.31	0.5	18	62	30	4.48	< 10	< 1	0.14	< 10	0.82	460
L15+50N 63+25E	201 238	< 5	2.98	0.2	35	130	< 0.5	2	0.27	< 0.5	13	46	13	4.11	< 10	< 1	0.10	< 10	0.94	390
L15+50N 63+50E	201 238	< 5	3.10	0.4	35	190	< 0.5	< 2	0.33	< 0.5	17	62	19	4.28	< 10	< 1	0.13	< 10	0.86	430
L15+50N 63+75E	201 238	< 5	3.21	0.4	35	150	< 0.5	< 2	0.23	< 0.5	17	53	24	4.13	< 10	< 1	0.11	< 10	0.72	375
L15+50N 64+00E	201 238	< 5	3.06	0.2	25	180	< 0.5	2	0.36	< 0.5	16	58	26	4.10	< 10	< 1	0.15	< 10	0.86	510
L15+50N 64+25E	201 238	< 5	3.07	0.4	30	120	< 0.5	2	0.40	< 0.5	13	46	29	3.62	< 10	< 1	0.08	< 10	0.72	390
L15+50N 64+50E	201 238	< 5	2.64	0.2	< 5	130	< 0.5	< 2	0.48	0.5	14	62	25	4.05	< 10	< 1	0.12	10	0.84	430
L15+50N 64+75E	201 238	10	3.74	1.2	45	190	< 0.5	< 2	0.79	< 0.5	16	39	86	3.77	< 10	< 1	0.07	20	0.52	735
L15+50N 65+00E	201 238	< 5	3.37	0.2	35	100	< 0.5	2	0.43	< 0.5	15	62	21	4.75	< 10	< 1	0.08	< 10	0.94	295

CERTIFICATION : *B. Campbell*



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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
L1 5N 63+0OE	201 238	4	0.01	49	780	< 2	5	6	30	0.42	< 10	< 10	108	< 10	112
L1 5N 63+25E	201 238	2	0.02	51	1010	< 2	5	6	25	0.45	< 10	< 10	112	< 10	148
L1 5N 63+5OE	201 238	2	0.02	35	1100	6	< 5	3	22	0.31	< 10	< 10	86	< 10	182
L1 5N 63+75E	201 238	4	0.02	43	1140	< 2	< 5	4	27	0.32	< 10	< 10	86	< 10	156
L1 5N 64+0OE	201 238	2	0.02	48	990	< 2	< 5	8	38	0.39	< 10	< 10	106	< 10	156
L1 5N 64+25E	201 238	3	0.03	49	830	2	< 5	5	29	0.29	< 10	< 10	81	< 10	156
L1 5N 64+5OE	201 238	3	0.02	43	800	4	5	8	37	0.30	< 10	< 10	99	< 10	144
L1 5N 64+75E	201 238	1	0.03	40	600	6	< 5	4	28	0.25	< 10	< 10	70	< 10	128
L1 5N 65+0OE	201 238	1	0.02	44	420	< 2	< 5	7	44	0.31	< 10	< 10	74	< 10	78
L1 5N 65+25E	201 238	3	0.01	45	1500	4	< 5	5	26	0.40	< 10	< 10	106	< 10	122
L1 5N 65+5OE	201 238	4	0.01	24	530	8	< 5	3	16	0.30	< 10	< 10	82	< 10	128
L1 5N 65+75E	201 238	2	0.01	38	780	6	< 5	5	23	0.35	< 10	< 10	96	< 10	112
L1 5N 66+0OE	201 238	1	0.02	25	1300	< 2	5	3	16	0.23	< 10	< 10	65	< 10	140
L1 5+5ON 58+5OE	201 238	2	0.02	49	480	< 2	< 5	7	38	0.49	< 10	< 10	122	< 10	118
L1 5+5ON 58+75E	201 238	3	0.02	39	680	6	< 5	9	57	0.48	< 10	< 10	122	< 10	110
L1 5+5ON 59+0OE	201 238	< 1	0.01	31	1500	4	< 5	3	18	0.33	< 10	< 10	88	< 10	170
L1 5+5ON 59+25E	201 238	4	0.01	28	1220	2	< 5	3	15	0.32	< 10	< 10	91	< 10	156
L1 5+5ON 59+5OE	201 238	5	0.02	49	1840	< 2	< 5	4	25	0.36	< 10	< 10	98	< 10	218
L1 5+5ON 59+75E	201 238	4	0.01	42	1240	4	< 5	3	22	0.29	< 10	< 10	82	< 10	184
L1 5+5ON 60+0OE	201 238	3	0.01	40	940	< 2	< 5	5	27	0.44	< 10	< 10	104	< 10	150
L1 5+5ON 60+25E	201 238	2	0.01	53	1330	2	5	5	21	0.30	< 10	< 10	89	< 10	144
L1 5+5ON 60+5OE	201 238	3	0.01	48	590	< 2	< 5	5	21	0.38	< 10	< 10	102	< 10	100
L1 5+5ON 60+75E	201 238	2	0.02	61	1050	6	5	6	24	0.28	< 10	< 10	84	< 10	150
L1 5+5ON 61+0OE	201 238	4	0.01	93	510	4	< 5	6	14	0.21	< 10	< 10	72	< 10	140
L1 5+5ON 61+25E	201 238	6	0.02	82	1300	4	< 5	5	36	0.24	< 10	< 10	83	< 10	372
L1 5+5ON 61+5OE	201 238	4	0.02	47	800	8	< 5	3	11	0.22	< 10	< 10	68	< 10	172
L1 5+5ON 61+75E	201 238	4	0.01	34	680	6	< 5	4	33	0.31	< 10	< 10	81	< 10	142
L1 5+5ON 62+0OE	201 238	3	0.01	59	980	6	5	10	21	0.35	< 10	< 10	113	< 10	152
L1 5+5ON 62+25E	201 238	2	0.02	34	420	2	< 5	3	20	0.25	< 10	< 10	71	< 10	98
L1 5+5ON 62+5OE	201 238	< 1	0.01	31	730	< 2	< 5	4	28	0.42	< 10	< 10	98	< 10	134
L1 5+5ON 62+75E	201 238	2	0.01	43	700	< 2	< 5	5	33	0.46	< 10	< 10	103	< 10	110
L1 5+5ON 63+0OE	201 238	1	0.01	53	890	< 2	< 5	5	26	0.44	< 10	< 10	108	< 10	154
L1 5+5ON 63+25E	201 238	3	0.01	31	1220	2	< 5	6	17	0.34	< 10	< 10	109	< 10	174
L1 5+5ON 63+5OE	201 238	2	0.02	45	630	< 2	< 5	5	31	0.44	< 10	< 10	104	< 10	204
L1 5+5ON 63+75E	201 238	4	0.02	50	1240	< 2	< 5	5	17	0.32	< 10	< 10	99	< 10	194
L1 5+5ON 64+0OE	201 238	3	0.01	46	850	4	< 5	5	25	0.35	< 10	< 10	104	< 10	146
L1 5+5ON 64+25E	201 238	2	0.02	46	330	2	< 5	5	24	0.31	< 10	< 10	81	< 10	140
L1 5+5ON 64+5OE	201 238	3	0.01	33	770	6	< 5	5	25	0.31	< 10	< 10	95	< 10	134
L1 5+5ON 64+75E	201 238	2	0.04	64	420	2	< 5	8	39	0.24	< 10	< 10	62	< 10	104
L1 5+5ON 65+0OE	201 238	2	0.01	36	1180	6	< 5	5	23	0.32	< 10	< 10	99	< 10	134

CERTIFICATION :

B. Cough



Chemex Labs Ltd.

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

To: CHESS LANG EXPLORATIONS LTD.

1900 - 999 W. HASTINGS ST.
 VANCOUVER, BC
 V6C 2W2

Project: APIAN BONAPARTE
 Comments:

Page No. A
 Tot. Pages
 Date: 26-OCT-89
 Invoice #: I-8928172
 P.O. #

CERTIFICATE OF ANALYSIS A8928172

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Pb 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
L15+50N 65+25E	201 238	< 5	4.22	1.4	50	140	< 0.5	2	0.56	< 0.5	13	37	20	3.17	< 10	< 1	0.04	10	0.36	205
L15+50N 65+50E	201 238	< 5	2.74	0.4	30	150	< 0.5	2	0.34	< 0.5	14	50	26	3.68	< 10	< 1	0.06	< 10	0.67	375
L15+50N 65+75E	201 238	< 5	3.05	0.4	20	110	< 0.5	4	0.43	< 0.5	15	37	21	3.75	< 10	< 1	0.06	< 10	0.43	260
L15+50N 66+00E	201 238	< 5	2.61	0.2	30	150	< 0.5	2	0.45	< 0.5	19	52	38	4.31	< 10	< 1	0.09	10	0.98	705
L16N 57+25E	201 238	< 5	2.22	1.2	30	130	< 0.5	4	0.46	< 0.5	13	33	28	3.56	< 10	< 1	0.06	10	0.48	1385
L16N 57+50E	201 238	< 5	3.05	0.6	35	240	< 0.5	4	0.26	< 0.5	15	44	33	4.39	< 10	< 1	0.10	10	0.67	1620
L16N 57+75E	201 238	< 5	2.89	0.6	25	190	< 0.5	< 2	0.26	< 0.5	15	42	31	3.94	< 10	< 1	0.09	10	0.61	980
L16N 58+00E	201 238	< 5	2.98	0.6	15	130	< 0.5	< 2	0.26	< 0.5	18	50	24	4.45	< 10	< 1	0.06	10	0.72	605
L16N 58+25E	201 238	< 5	3.12	1.0	25	140	< 0.5	< 2	0.27	< 0.5	16	49	24	4.20	< 10	< 1	0.08	10	0.64	450
L16N 58+50E	201 238	< 5	3.08	0.3	25	150	< 0.5	2	0.36	< 0.5	18	47	19	4.25	< 10	< 1	0.12	10	0.55	510
L16N 58+75E	201 238	< 5	0.47	0.2	10	70	< 0.5	< 2	4.21	1.5	2	10	14	0.59	< 10	< 1	0.03	< 10	0.14	285
L16N 59+00E	201 238	< 5	3.33	1.2	20	90	< 0.5	< 2	0.25	< 0.5	15	45	15	4.25	10	< 1	0.05	< 10	0.42	315
L16N 59+25E	201 238	< 5	3.73	1.5	25	80	< 0.5	4	0.14	1.5	11	40	15	4.36	10	< 1	0.09	10	0.31	335
L16N 59+50E	201 238	< 5	1.99	1.4	30	100	< 0.5	< 2	0.18	1.5	13	33	26	3.58	10	< 1	0.07	< 10	0.36	505
L16N 59+75E	201 238	< 5	3.21	1.4	25	180	< 0.5	2	0.24	< 0.5	20	54	28	4.65	< 10	< 1	0.09	10	0.69	545
L16N 60+00E	201 238	10	2.38	1.2	15	130	< 0.5	4	0.21	0.5	17	49	28	4.33	10	< 1	0.09	10	0.51	1300
L16N 60+25E	201 238	20	2.68	1.4	40	160	< 0.5	2	0.25	< 0.5	20	47	63	4.89	10	< 1	0.09	10	0.73	1105
L16N 60+50E	201 238	< 5	2.48	1.0	20	270	< 0.5	< 2	0.28	< 0.5	17	57	36	4.49	< 10	< 1	0.18	10	0.82	545
L16N 60+75E	201 238	< 5	2.98	1.2	15	130	< 0.5	< 2	0.28	0.5	17	45	15	3.98	10	< 1	0.06	10	0.50	680
L16N 61+00E	201 238	10	4.02	< 0.2	35	260	< 0.5	< 2	0.36	< 0.5	18	67	76	4.76	< 10	< 1	0.10	10	1.29	605
L16N 61+25E	201 238	< 5	3.23	0.4	65	230	< 0.5	< 2	0.32	0.5	20	59	57	4.68	10	< 1	0.10	10	0.97	730
L16N 61+50E	201 238	< 5	2.85	0.4	35	140	< 0.5	2	0.17	1.0	18	51	22	3.98	< 10	< 1	0.05	10	0.62	590
L16N 61+75E	201 238	30	2.36	0.6	20	120	< 0.5	< 2	0.36	3.0	17	44	16	3.55	< 10	< 1	0.09	10	0.49	495
L16N 62+00E	201 238	< 5	3.10	0.4	55	160	< 0.5	4	0.47	< 0.5	24	113	76	4.55	< 10	< 1	0.21	10	1.43	445
L16N 62+25E	201 238	< 5	2.57	0.4	10	170	< 0.5	< 2	0.24	< 0.5	17	54	15	3.88	10	< 1	0.15	10	0.58	370
L16N 62+50E	201 238	< 5	2.54	0.6	< 5	120	< 0.5	< 2	0.29	< 0.5	19	60	17	4.36	10	< 1	0.14	10	0.66	430
L16N 62+75E	201 238	< 5	2.93	0.4	20	210	< 0.5	< 2	0.40	< 0.5	20	62	22	4.50	10	< 1	0.21	10	0.89	505
L16N 63+00E	201 238	< 5	2.43	0.4	5	210	< 0.5	4	0.40	< 0.5	20	49	17	3.73	10	< 1	0.16	10	0.59	1095
L16N 63+25E	201 238	< 5	2.54	0.6	10	140	< 0.5	8	0.32	< 0.5	17	57	26	3.83	10	< 1	0.12	10	0.70	435
L16N 63+50E	201 238	< 5	3.33	0.4	40	220	< 0.5	4	0.31	< 0.5	23	62	27	4.73	< 10	< 1	0.15	10	0.90	465
L16N 63+75E	201 238	< 5	3.27	0.2	5	120	< 0.5	4	0.35	< 0.5	18	50	19	3.99	10	< 1	0.06	10	0.56	410
L16N 64+00E	201 238	< 5	3.17	0.6	25	120	< 0.5	< 2	0.30	< 0.5	23	52	35	4.50	10	< 1	0.10	10	0.73	350
L16N 64+25E	201 238	< 5	2.85	0.4	40	120	< 0.5	2	0.31	< 0.5	26	46	76	4.88	10	< 1	0.07	10	1.13	485
L16N 64+50E	201 238	< 5	3.36	0.6	30	190	< 0.5	< 2	0.75	0.5	17	40	80	3.64	10	< 1	0.05	20	0.54	545
L16N 64+75E	201 238	< 5	3.00	0.4	25	170	< 0.5	4	0.56	< 0.5	19	56	32	3.89	10	< 1	0.05	10	0.70	345
L16N 65+00E	201 238	< 5	4.44	1.6	50	210	< 0.5	< 2	0.73	< 0.5	13	36	37	3.20	10	< 1	0.07	20	0.43	220
L16N 65+25E	201 238	< 5	2.36	< 0.2	60	250	< 0.5	2	0.85	< 0.5	25	104	49	5.14	< 10	< 1	0.25	20	1.53	930
L16N 65+50E	201 238	< 5	3.16	0.4	25	150	< 0.5	6	0.18	< 0.5	18	54	25	4.08	10	< 1	0.06	< 10	0.65	330
L16N 65+75E	201 238	< 5	3.33	0.6	15	210	< 0.5	2	0.22	0.5	22	46	36	4.10	10	< 1	0.09	10	0.76	395
L16N 66+00E	201 238	< 5	2.36	0.2	165	120	< 0.5	2	0.23	0.5	23	54	39	5.09	< 10	< 1	0.09	< 10	0.70	705

CERTIFICATION :

B. C. Coghlan



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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To CHESS LANG EXPLORATIONS LTD.

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V6C 2W2

Project: APIAN BONAPARTE

Comments:

Page No. : B
Tot. Page :
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Invoice # : I-8928172
P.O. # :

CERTIFICATE OF ANALYSIS A8928172

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
L15+50N 65+25E	201 238	< 1	0.03	48	540	< 2	< 5	4	29	0.22	< 10	< 10	52	< 10	96
L15+50N 65+50E	201 238	< 1	0.02	31	530	14	< 5	5	19	0.33	< 10	< 10	87	< 10	108
L15+50N 65+75E	201 238	< 1	0.02	28	1770	16	< 5	4	26	0.24	< 10	< 10	72	< 10	132
L15+50N 66+00E	201 238	1	0.01	38	1020	< 2	< 5	8	27	0.25	< 10	< 10	102	< 10	156
L16N 57+25E	201 238	2	0.01	42	620	4	< 5	4	32	0.20	< 10	< 10	66	< 10	174
L16N 57+50E	201 238	< 1	0.01	58	1130	6	< 5	6	28	0.27	< 10	< 10	80	< 10	254
L16N 57+75E	201 238	1	0.01	47	1380	6	< 5	5	23	0.24	< 10	< 10	77	< 10	222
L16N 58+00E	201 238	1	0.01	50	1030	22	< 5	6	23	0.37	< 10	< 10	110	< 10	204
L16N 58+25E	201 238	1	0.01	46	800	14	< 5	6	23	0.37	< 10	< 10	99	< 10	154
L16N 58+50E	201 238	< 1	0.01	40	2020	6	< 5	5	26	0.33	< 10	< 10	93	< 10	186
L16N 58+75E	201 238	3	0.01	9	980	6	5	1	163	0.03	< 10	< 10	19	< 10	54
L16N 59+00E	201 238	1	0.01	57	1990	4	< 5	5	24	0.33	< 10	< 10	92	< 10	198
L16N 59+25E	201 238	5	0.01	41	2750	8	< 5	5	12	0.25	< 10	< 10	80	< 10	246
L16N 59+50E	201 238	9	0.01	55	1360	6	< 5	4	16	0.24	< 10	< 10	67	< 10	182
L16N 59+75E	201 238	2	0.01	53	1060	12	< 5	6	24	0.39	< 10	< 10	102	< 10	188
L16N 60+00E	201 238	< 1	0.01	48	770	2	< 5	5	18	0.34	< 10	< 10	100	< 10	200
L16N 60+25E	201 238	2	0.01	55	880	2	< 5	6	22	0.26	< 10	< 10	86	< 10	162
L16N 60+50E	201 238	< 1	0.01	50	520	6	< 5	6	27	0.40	< 10	< 10	95	< 10	98
L16N 60+75E	201 238	< 1	0.01	46	1230	< 2	< 5	5	23	0.30	< 10	< 10	88	< 10	174
L16N 61+00E	201 238	< 1	0.01	51	640	< 2	< 5	9	39	0.39	< 10	< 10	119	< 10	126
L16N 61+25E	201 238	4	0.01	73	700	< 2	< 5	7	32	0.34	< 10	< 10	101	< 10	230
L16N 61+50E	201 238	2	0.01	74	1010	< 2	< 5	5	18	0.31	< 10	< 10	94	< 10	288
L16N 61+75E	201 238	2	0.01	55	1730	6	< 5	3	36	0.24	< 10	< 10	74	< 10	408
L16N 62+00E	201 238	< 1	0.01	57	1150	16	< 5	8	29	0.33	< 10	< 10	130	< 10	152
L16N 62+25E	201 238	< 1	0.02	52	1670	10	< 5	5	24	0.35	< 10	< 10	90	< 10	104
L16N 62+50E	201 238	< 1	0.01	43	1770	< 2	< 5	5	28	0.39	< 10	< 10	102	< 10	124
L16N 62+75E	201 238	< 1	0.01	45	770	4	< 5	6	44	0.45	< 10	< 10	111	< 10	108
L16N 63+00E	201 238	< 1	0.02	39	1730	< 2	< 5	5	34	0.30	< 10	< 10	88	< 10	172
L16N 63+25E	201 238	< 1	0.02	43	700	12	< 5	5	27	0.35	< 10	< 10	95	< 10	114
L16N 63+50E	201 238	< 1	0.01	59	860	6	< 5	6	26	0.43	< 10	< 10	117	< 10	156
L16N 63+75E	201 238	< 1	0.02	38	1900	4	< 5	5	22	0.29	< 10	< 10	90	< 10	150
L16N 64+00E	201 238	2	0.01	52	1280	6	< 5	5	19	0.28	< 10	< 10	99	< 10	178
L16N 64+25E	201 238	1	0.01	39	810	< 2	< 5	6	20	0.38	< 10	< 10	128	< 10	106
L16N 64+50E	201 238	< 1	0.04	49	290	10	< 5	9	50	0.23	< 10	< 10	73	< 10	74
L16N 64+75E	201 238	1	0.03	36	310	6	< 5	6	46	0.35	< 10	< 10	95	< 10	102
L16N 65+00E	201 238	< 1	0.06	56	320	8	< 5	6	57	0.21	< 10	< 10	52	< 10	56
L16N 65+25E	201 238	1	0.04	52	1150	2	< 5	10	76	0.36	< 10	< 10	118	< 10	96
L16N 65+50E	201 238	< 1	0.01	42	1260	6	< 5	5	15	0.31	< 10	< 10	92	< 10	114
L16N 65+75E	201 238	< 1	0.01	61	920	4	< 5	6	19	0.27	< 10	< 10	93	< 10	252
L16N 66+00E	201 238	1	0.01	52	790	< 2	< 5	7	19	0.21	< 10	< 10	110	< 10	138

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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Page No. A

Tot. Page 1

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CERTIFICATE OF ANALYSIS A8928172

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
L16+50N 58+50E	201 238	< 5	2.36	0.6	5	100	< 0.5	< 2	0.16	0.5	11	33	12	3.49	< 10	< 1	0.05	< 10	0.33	325
L16+50N 58+75E	201 238	25	1.70	1.0	45	110	< 0.5	< 2	0.81	2.5	21	39	83	5.42	< 10	< 1	0.11	20	0.72	1000
L16+50N 59+00E	201 238	10	2.18	0.6	15	120	< 0.5	< 2	1.52	2.0	14	41	32	3.39	< 10	< 1	0.08	10	0.70	1230
L16+50N 59+25E	201 238	5	2.67	0.6	15	110	< 0.5	< 2	0.43	< 0.5	14	55	17	4.43	< 10	< 1	0.04	10	0.44	255
L16+50N 59+50E	201 238	< 5	3.05	0.6	25	170	< 0.5	< 2	0.24	< 0.5	19	54	34	4.54	< 10	< 1	0.11	10	0.78	430
L16+50N 59+75E	201 238	10	2.43	0.4	< 5	200	< 0.5	< 2	0.36	0.5	16	59	29	4.53	< 10	< 1	0.24	10	0.79	550
L16+50N 60+00E	201 238	10	3.14	0.6	< 5	120	< 0.5	< 2	0.22	< 0.5	14	51	19	4.31	< 10	< 1	0.09	10	0.63	405
L16+50N 60+25E	201 238	10	3.14	0.5	< 5	150	< 0.5	< 2	0.20	< 0.5	16	57	23	4.05	< 10	< 1	0.08	< 10	0.67	600
L16+50N 60+50E	201 238	< 5	4.07	1.2	10	250	< 0.5	< 2	0.25	< 0.5	18	60	49	4.74	< 10	< 1	0.08	10	0.90	760
L16+50N 60+75E	201 238	30	3.18	1.8	80	140	< 0.5	< 2	0.26	0.5	17	47	45	4.32	< 10	< 1	0.06	10	0.58	695
L16+50N 61+00E	201 238	110	1.83	0.8	15	110	< 0.5	< 2	0.08	< 0.5	17	41	27	3.92	< 10	< 1	0.03	< 10	0.47	335
L16+50N 61+25E	201 238	10	3.15	0.4	20	110	< 0.5	< 2	0.15	< 0.5	15	53	28	4.34	< 10	< 1	0.04	< 10	0.69	365
L16+50N 61+50E	201 238	10	3.62	0.6	135	90	< 0.5	< 2	0.21	2.0	36	51	94	5.90	< 10	< 1	0.05	< 10	0.83	610
L16+50N 61+75E	201 238	< 5	2.83	0.4	< 5	180	< 0.5	< 2	0.31	0.5	17	60	27	4.36	< 10	< 1	0.15	10	0.94	565
L16+50N 62+00E	201 238	< 5	3.36	0.2	25	220	< 0.5	< 2	0.35	< 0.5	20	72	47	4.67	< 10	< 1	0.32	10	1.20	535
L16+50N 62+25E	201 238	< 5	2.64	0.2	< 5	150	< 0.5	< 2	0.22	0.5	15	60	21	4.02	< 10	< 1	0.12	10	0.75	400
L16+50N 62+50E	201 238	< 5	3.28	0.8	10	220	< 0.5	< 2	0.31	< 0.5	19	64	59	4.54	< 10	< 1	0.14	10	1.00	665
L16+50N 62+75E	201 238	5	3.67	0.6	35	180	< 0.5	< 2	0.29	< 0.5	17	55	25	4.49	< 10	< 1	0.15	10	0.75	505
L16+50N 63+00E	201 238	< 5	2.63	0.4	25	100	< 0.5	< 2	0.25	< 0.5	14	54	18	3.97	< 10	< 1	0.11	< 10	0.64	430
L16+50N 63+25E	201 238	< 5	1.62	0.2	70	150	< 0.5	< 2	0.62	< 0.5	12	41	29	3.24	< 10	< 1	0.06	10	0.55	1140
L16+50N 63+50E	201 238	< 5	2.92	0.2	10	150	< 0.5	< 2	0.38	< 0.5	18	54	31	4.29	< 10	< 1	0.13	< 10	0.81	620
L16+50N 63+75E	201 238	< 5	2.85	0.4	20	80	< 0.5	2	0.34	< 0.5	12	43	15	3.31	< 10	< 1	0.06	< 10	0.42	285
L16+50N 64+00E	201 238	< 5	3.42	0.4	10	180	< 0.5	6	0.40	< 0.5	14	54	25	3.99	< 10	< 1	0.08	10	0.67	420
L16+50N 64+25E	201 238	< 5	1.64	0.4	30	80	< 0.5	< 2	0.26	< 0.5	8	34	10	2.95	< 10	< 1	0.04	< 10	0.27	175
L16+50N 64+50E	201 238	< 5	3.03	0.2	25	190	< 0.5	2	0.42	< 0.5	17	46	31	3.85	< 10	< 1	0.07	10	0.84	730
L16+50N 64+75E	201 238	< 5	3.10	0.8	10	170	< 0.5	2	0.71	< 0.5	18	35	42	3.78	< 10	< 1	0.07	20	0.72	1085
L16+50N 65+00E	201 238	< 5	2.36	0.2	10	120	< 0.5	< 2	0.19	< 0.5	11	32	13	3.32	< 10	< 1	0.06	< 10	0.31	210
L16+50N 65+25E	201 238	< 5	2.67	0.4	25	110	< 0.5	< 2	0.30	< 0.5	14	50	20	3.87	< 10	< 1	0.04	< 10	0.54	285
L16+50N 65+50E	201 238	5	2.50	0.2	75	220	< 0.5	< 2	0.79	< 0.5	24	72	61	4.83	< 10	< 1	0.22	10	1.35	920
L16+50N 65+75E	201 238	< 5	2.55	0.2	5	240	< 0.5	< 2	0.79	< 0.5	21	78	65	4.87	< 10	< 1	0.24	10	1.42	960
L16+50N 66+00E	201 238	< 5	2.93	0.2	5	190	< 0.5	< 2	0.37	< 0.5	19	85	64	4.54	< 10	< 1	0.15	10	1.41	545
L17N 58+50E	201 238	< 5	2.74	1.2	15	120	< 0.5	4	0.32	1.0	15	40	23	4.62	< 10	< 1	0.09	10	0.54	850
L17N 58+75E	201 238	< 5	2.36	0.2	20	140	< 0.5	< 2	0.37	0.5	13	47	22	4.21	< 10	< 1	0.10	10	0.58	805
L17N 59+00E	201 238	10	1.68	0.8	60	110	< 0.5	< 2	0.29	2.5	15	28	65	4.76	< 10	< 1	0.08	10	0.35	1150
L17N 59+25E	201 238	< 5	2.75	1.4	20	90	0.5	2	0.92	1.0	11	30	64	2.71	< 10	< 1	0.04	10	0.36	1205
L17N 59+50E	201 238	< 5	1.20	1.0	70	50	< 0.5	2	0.08	< 0.5	6	24	14	2.60	< 10	< 1	0.04	< 10	0.20	230
L17N 59+75E	201 238	< 5	2.42	1.4	50	80	< 0.5	< 2	0.11	< 0.5	10	34	27	3.36	< 10	< 1	0.05	< 10	0.43	255
L17N 60+00E	201 238	< 5	2.87	1.0	20	80	< 0.5	6	0.14	< 0.5	14	46	22	4.03	< 10	< 1	0.05	< 10	0.54	305
L17N 60+25E	201 238	5	3.24	1.4	20	90	< 0.5	< 2	0.12	0.5	13	37	23	3.91	< 10	< 1	0.07	< 10	0.34	375
L17N 60+50E	201 238	5	2.85	0.6	90	140	< 0.5	4	0.16	< 0.5	16	45	61	4.65	< 10	< 1	0.06	10	0.63	845

CERTIFICATION :

B. Coughlin



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To CHEMEX LANG EXPLORATIONS LTD.

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VANCOUVER, BC
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Project : ALIAN BONAPARTE
Comments :

Page No. B
Tot. Pages: 7
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Invoice # : I-8928172
P.O. # :

CERTIFICATE OF ANALYSIS A8928172

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
L16+50N 58+50E	201 238	< 1	0.01	21	2420	4	< 5	3	16	0.25	< 10	< 10	75	< 10	188
L16+50N 58+75E	201 238	30	0.03	74	1130	2	< 5	7	66	0.24	< 10	< 10	85	< 10	256
L16+50N 59+00E	201 238	2	0.04	35	710	2	< 5	6	85	0.25	< 10	< 10	74	< 10	174
L16+50N 59+25E	201 238	1	0.02	51	340	6	< 5	5	39	0.38	< 10	< 10	97	< 10	92
L16+50N 59+50E	201 238	< 1	0.02	43	810	< 2	< 5	6	27	0.40	< 10	< 10	98	< 10	134
L16+50N 59+75E	201 238	< 1	0.02	33	650	< 2	< 5	7	55	0.49	< 10	< 10	109	< 10	88
L16+50N 60+00E	201 238	< 1	0.01	36	1350	12	< 5	6	22	0.39	< 10	< 10	107	< 10	182
L16+50N 60+25E	201 238	< 1	0.01	39	910	10	< 5	5	17	0.33	< 10	< 10	95	< 10	196
L16+50N 60+50E	201 238	< 1	0.01	64	850	14	< 5	9	26	0.36	< 10	< 10	102	< 10	220
L16+50N 60+75E	201 238	< 1	0.02	41	700	6	< 5	7	22	0.29	< 10	< 10	83	< 10	238
L16+50N 61+00E	201 238	7	0.01	57	540	8	< 5	3	7	0.14	< 10	< 10	66	< 10	138
L16+50N 61+25E	201 238	< 1	0.01	39	770	< 2	< 5	6	15	0.36	< 10	< 10	101	< 10	118
L16+50N 61+50E	201 238	7	0.01	136	1210	10	< 5	6	16	0.23	< 10	< 10	79	< 10	458
L16+50N 61+75E	201 238	< 1	0.01	41	600	< 2	< 5	7	44	0.45	< 10	< 10	100	< 10	120
L16+50N 62+00E	201 238	< 1	0.01	42	940	8	< 5	7	31	0.45	< 10	< 10	113	< 10	110
L16+50N 62+25E	201 238	< 1	0.02	35	1150	4	< 5	5	26	0.42	< 10	< 10	95	< 10	100
L16+50N 62+50E	201 238	< 1	0.02	67	1030	10	< 5	9	23	0.36	< 10	< 10	108	< 10	188
L16+50N 62+75E	201 238	< 1	0.02	54	1230	6	< 5	6	24	0.42	< 10	< 10	99	< 10	156
L16+50N 63+00E	201 238	< 1	0.01	43	810	5	< 5	5	20	0.36	< 10	< 10	95	< 10	134
L16+50N 63+25E	201 238	< 1	0.01	42	830	< 2	< 5	3	45	0.26	< 10	< 10	67	< 10	122
L16+50N 63+50E	201 238	1	0.02	48	1380	4	< 5	6	32	0.37	< 10	< 10	106	< 10	200
L16+50N 63+75E	201 238	< 1	0.02	27	880	16	< 5	3	24	0.25	< 10	< 10	72	< 10	140
L16+50N 64+00E	201 238	< 1	0.02	42	620	18	< 5	6	35	0.32	< 10	< 10	89	< 10	176
L16+50N 64+25E	201 238	2	0.02	18	590	10	< 5	3	19	0.21	< 10	< 10	69	< 10	98
L16+50N 64+50E	201 238	< 1	0.02	37	340	4	< 5	6	34	0.30	< 10	< 10	90	< 10	132
L16+50N 64+75E	201 238	1	0.02	34	470	< 2	< 5	6	47	0.24	< 10	< 10	77	< 10	120
L16+50N 65+00E	201 238	< 1	0.02	17	300	4	< 5	3	14	0.30	< 10	< 10	80	< 10	68
L16+50N 65+25E	201 238	< 1	0.02	27	530	< 2	< 5	4	19	0.34	< 10	< 10	93	< 10	102
L16+50N 65+50E	201 238	< 1	0.03	46	830	14	< 5	9	57	0.33	< 10	< 10	103	< 10	108
L16+50N 65+75E	201 238	1	0.04	49	820	10	< 5	10	58	0.34	< 10	< 10	112	< 10	110
L16+50N 66+00E	201 238	< 1	0.01	42	450	16	< 5	8	29	0.32	< 10	< 10	100	< 10	96
L17N 58+50E	201 238	2	0.02	32	2460	10	< 5	5	30	0.24	< 10	< 10	91	< 10	270
L17N 58+75E	201 238	3	0.02	33	1540	8	< 5	5	36	0.36	< 10	< 10	98	< 10	198
L17N 59+00E	201 238	26	0.01	70	870	6	< 5	5	25	0.17	< 10	< 10	52	< 10	324
L17N 59+25E	201 238	< 1	0.04	45	640	14	< 5	6	61	0.19	< 10	< 10	56	< 10	132
L17N 59+50E	201 238	< 1	0.01	15	430	14	< 5	3	7	0.21	< 10	< 10	57	< 10	76
L17N 59+75E	201 238	< 1	0.01	32	980	2	< 5	4	13	0.25	< 10	< 10	63	< 10	128
L17N 60+00E	201 238	1	0.01	38	990	12	< 5	5	12	0.32	< 10	< 10	87	< 10	182
L17N 60+25E	201 238	< 1	0.02	27	1810	< 2	< 5	4	14	0.22	< 10	< 10	67	< 10	170
L17N 60+50E	201 238	2	0.01	47	950	8	< 5	6	17	0.30	< 10	< 10	87	< 10	170

CERTIFICATION :

B. Coughlin



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Project : APIAN BONAPARTE

Comments :

Page No. A
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CERTIFICATE OF ANALYSIS A8928172

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
L17N 60+75E	201 238	70	0.85	0.8	5	70	< 0.5	< 2	0.09	0.5	6	20	16	3.23	< 10	< 1	0.04	10	0.10	240
L17N 61+00E	201 238	< 5	3.51	0.2	10	110	< 0.5	< 2	0.20	< 0.5	19	61	40	4.50	< 10	< 1	0.05	10	0.80	440
L17N 61+25E	201 238	< 5	2.54	0.4	5	140	< 0.5	2	0.18	1.0	15	50	46	4.63	< 10	1	0.08	10	0.80	475
L17N 61+50E	201 238	< 5	3.46	0.2	15	140	< 0.5	< 2	0.34	< 0.5	16	59	27	5.02	< 10	< 1	0.16	10	0.98	465
L17N 61+75E	201 238	< 5	3.01	0.2	< 5	220	< 0.5	6	0.38	< 0.5	19	64	25	5.10	< 10	< 1	0.13	10	0.86	570
L17N 62+00E	201 238	< 5	3.45	< 0.2	< 5	140	< 0.5	6	0.61	< 0.5	21	109	90	4.44	< 10	< 1	0.07	< 10	1.92	595
L17N 62+25E	201 238	10	1.99	1.0	140	90	< 0.5	2	0.14	< 0.5	9	40	21	3.55	< 10	< 1	0.05	< 10	0.51	310
L17N 62+50E	201 238	10	2.57	0.4	15	170	< 0.5	< 2	0.35	< 0.5	15	56	30	4.14	< 10	< 1	0.10	10	0.86	555
L17N 62+75E	201 238	< 5	2.29	0.4	25	120	< 0.5	< 2	0.15	< 0.5	10	43	16	3.68	< 10	< 1	0.04	< 10	0.52	365
L17N 63+00E	201 238	< 5	2.78	< 0.2	25	140	< 0.5	< 2	0.27	< 0.5	15	43	16	3.92	< 10	< 1	0.09	< 10	0.60	615
L17N 63+25E	201 238	< 5	3.38	< 0.2	5	190	< 0.5	< 2	0.49	0.5	16	49	24	4.18	< 10	< 1	0.09	10	0.74	1900
L17N 63+50E	201 238	< 5	1.39	0.2	5	70	< 0.5	< 2	0.20	< 0.5	6	29	17	2.90	< 10	< 1	0.05	< 10	0.47	320
L17N 63+75E	201 238	< 5	3.28	0.2	15	180	< 0.5	< 2	0.65	1.0	13	45	31	3.76	< 10	< 1	0.07	20	0.60	2860
L17N 64+00E	201 238	< 5	2.15	0.2	15	130	< 0.5	< 2	0.23	< 0.5	10	32	16	3.19	< 10	< 1	0.08	< 10	0.43	575
L17N 64+25E	201 238	< 5	2.31	0.4	190	160	< 0.5	< 2	0.19	< 0.5	13	44	33	5.01	< 10	< 1	0.08	10	0.43	385
L17N 64+50E	201 238	< 5	2.39	0.2	10	160	< 0.5	< 2	0.32	< 0.5	12	34	26	3.66	< 10	< 1	0.07	< 10	0.50	335
L17N 64+75E	201 238	< 5	3.06	< 0.2	5	100	< 0.5	< 2	0.25	< 0.5	24	44	48	6.32	< 10	< 1	0.05	< 10	1.35	495
L17N 65+00E	201 238	< 5	2.66	< 0.2	< 5	110	< 0.5	< 2	0.17	0.5	12	46	18	4.15	< 10	< 1	0.05	< 10	0.56	350
L17N 65+25E	201 238	< 5	1.88	0.2	< 5	120	< 0.5	< 2	0.25	0.5	12	34	24	3.06	< 10	< 1	0.06	< 10	0.50	380
L17N 65+50E	201 238	< 5	1.63	0.2	< 5	50	< 0.5	< 2	0.16	< 0.5	12	23	21	3.75	< 10	< 1	0.04	< 10	0.59	250
L17N 65+75E	201 238	< 5	2.30	0.2	5	90	< 0.5	< 2	0.25	< 0.5	16	28	16	3.94	< 10	< 1	0.06	< 10	0.92	440
L17N 66+00E	201 238	< 5	3.67	0.4	30	160	< 0.5	< 2	0.24	< 0.5	14	30	79	3.01	< 10	< 1	0.06	< 10	0.47	340
L17+50N 58+50E	201 238	< 5	3.69	0.8	25	150	< 0.5	< 2	0.16	3.0	20	41	19	4.46	< 10	< 1	0.10	10	0.46	490
L17+50N 58+75E	201 238	< 5	3.57	0.4	40	180	< 0.5	< 2	0.29	< 0.5	16	49	23	4.58	< 10	< 1	0.06	10	0.56	550
L17+50N 59+00E	201 238	< 5	3.42	0.8	10	110	< 0.5	< 2	0.86	1.5	16	39	30	3.62	< 10	< 1	0.04	10	0.51	690
L17+50N 59+25E	201 238	< 5	3.02	0.4	35	170	< 0.5	< 2	0.71	< 0.5	18	54	28	4.28	< 10	< 1	0.05	10	0.75	460
L17+50N 59+50E	201 238	< 5	3.01	0.6	15	140	< 0.5	4	0.26	0.5	14	52	17	4.56	< 10	< 1	0.07	10	0.63	375
L17+50N 59+75E	201 238	< 5	3.45	0.8	40	230	< 0.5	2	0.24	< 0.5	21	56	40	4.72	< 10	< 1	0.11	10	0.88	485
L17+50N 60+00E	201 238	< 5	3.28	0.8	25	200	< 0.5	< 2	0.22	< 0.5	22	51	49	4.62	< 10	< 1	0.07	10	0.84	475
L17+50N 60+25E	201 238	< 5	3.46	0.8	5	140	< 0.5	< 2	0.22	< 0.5	19	49	21	4.20	< 10	< 1	0.06	< 10	0.65	375
L17+50N 60+50E	201 238	< 5	2.17	0.4	15	140	< 0.5	2	0.28	< 0.5	17	60	22	4.16	< 10	< 1	0.09	10	0.73	485
L17+50N 60+75E	201 238	< 5	2.72	0.6	25	130	< 0.5	< 2	0.20	< 0.5	15	57	27	5.02	< 10	< 1	0.06	< 10	0.70	335
L17+50N 61+00E	201 238	< 5	2.09	0.8	< 5	90	< 0.5	< 2	0.24	0.5	11	45	13	3.48	< 10	< 1	0.06	10	0.46	290
L17+50N 61+25E	201 238	< 5	2.15	0.6	15	120	< 0.5	< 2	0.24	< 0.5	14	54	28	3.93	< 10	< 1	0.06	10	0.59	355
L17+50N 61+50E	201 238	< 5	2.19	0.4	10	130	< 0.5	2	0.46	< 0.5	13	49	21	3.87	< 10	< 1	0.09	10	0.62	450
L17+50N 61+75E	201 238	< 5	2.66	0.4	10	160	< 0.5	2	0.25	< 0.5	13	54	26	4.23	< 10	< 1	0.05	10	0.67	395
L17+50N 62+00E	201 238	< 5	3.51	0.4	15	200	< 0.5	< 2	0.24	< 0.5	21	56	24	4.98	< 10	< 1	0.10	10	0.77	400
L17+50N 62+25E	201 238	< 5	3.01	0.4	10	110	< 0.5	< 2	0.30	< 0.5	17	74	18	4.34	< 10	< 1	0.08	10	0.89	345
L17+50N 62+50E	201 238	< 5	2.99	0.4	10	160	< 0.5	< 2	0.28	< 0.5	17	69	41	4.76	< 10	< 1	0.07	10	0.97	570
L17+50N 62+75E	201 238	< 5	2.77	0.4	10	190	< 0.5	< 2	0.27	0.5	20	51	27	4.48	< 10	< 1	0.08	10	0.69	735

CERTIFICATION :

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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
L17N 60+75E	201 238	9	0.01	31	740	4	< 5	2	11	0.11	< 10	< 10	48	< 10	104
L17N 61+00E	201 238	< 1	0.01	54	990	16	< 5	6	17	0.37	< 10	< 10	104	< 10	124
L17N 61+25E	201 238	8	0.01	58	810	< 2	< 5	5	22	0.39	< 10	< 10	99	< 10	188
L17N 61+50E	201 238	< 1	0.01	38	1220	8	< 5	9	24	0.44	< 10	< 10	128	< 10	126
L17N 61+75E	201 238	1	0.02	48	1320	< 2	< 5	6	43	0.56	< 10	< 10	118	< 10	142
L17N 62+00E	201 238	< 1	0.01	43	1440	< 2	< 5	4	39	0.37	< 10	< 10	106	< 10	90
L17N 62+25E	201 238	3	0.01	19	540	12	< 5	5	12	0.26	< 10	< 10	88	< 10	80
L17N 62+50E	201 238	< 1	0.01	33	1040	< 2	< 5	6	28	0.35	< 10	< 10	100	< 10	102
L17N 62+75E	201 238	< 1	0.01	33	540	< 2	< 5	4	13	0.31	< 10	< 10	82	< 10	134
L17N 63+00E	201 238	< 1	0.02	32	1560	< 2	< 5	5	21	0.32	< 10	< 10	83	< 10	180
L17N 63+25E	201 238	< 1	0.03	40	870	< 2	< 5	6	40	0.36	< 10	< 10	88	< 10	240
L17N 63+50E	201 238	< 1	0.02	16	660	< 2	< 5	3	15	0.17	< 10	< 10	60	< 10	96
L17N 63+75E	201 238	< 1	0.03	54	460	8	< 5	6	54	0.28	< 10	< 10	77	< 10	168
L17N 64+00E	201 238	1	0.02	34	1150	< 2	< 5	3	20	0.19	< 10	< 10	59	< 10	170
L17N 64+25E	201 238	< 1	0.01	71	620	< 2	< 5	5	18	0.18	< 10	< 10	65	< 10	170
L17N 64+50E	201 238	< 1	0.02	24	730	< 2	< 5	4	20	0.30	< 10	< 10	82	< 10	102
L17N 64+75E	201 238	< 1	0.01	27	660	< 2	< 5	6	11	0.40	< 10	< 10	159	< 10	108
L17N 65+00E	201 238	< 1	0.01	31	770	< 2	< 5	4	13	0.34	< 10	< 10	89	< 10	106
L17N 65+25E	201 238	2	0.02	27	420	16	< 5	4	17	0.29	< 10	< 10	83	< 10	140
L17N 65+50E	201 238	1	0.02	13	540	12	< 5	3	8	0.23	< 10	< 10	127	< 10	94
L17N 65+75E	201 238	< 1	0.02	17	640	10	< 5	5	10	0.24	< 10	< 10	110	< 10	102
L17N 66+00E	201 238	< 1	0.03	37	370	< 2	< 5	3	20	0.24	< 10	< 10	61	< 10	74
L17+50N 58+50E	201 238	3	0.03	34	3630	6	< 5	6	19	0.30	< 10	< 10	90	< 10	314
L17+50N 58+75E	201 238	1	0.02	36	1570	14	< 5	6	25	0.39	< 10	< 10	110	< 10	208
L17+50N 59+00E	201 238	< 1	0.04	37	520	16	< 5	7	51	0.30	< 10	< 10	81	< 10	168
L17+50N 59+25E	201 238	< 1	0.04	43	560	22	< 5	7	61	0.39	< 10	< 10	112	< 10	130
L17+50N 59+50E	201 238	1	0.01	38	1750	12	< 5	6	26	0.34	< 10	< 10	127	< 10	230
L17+50N 59+75E	201 238	< 1	0.01	55	1040	< 2	< 5	7	33	0.44	< 10	< 10	119	< 10	104
L17+50N 60+00E	201 238	2	0.01	51	950	8	< 5	7	23	0.34	< 10	< 10	109	< 10	154
L17+50N 60+25E	201 238	< 1	0.01	52	720	6	< 5	5	28	0.34	< 10	< 10	98	< 10	126
L17+50N 60+50E	201 238	< 1	0.01	35	910	< 2	< 5	5	29	0.44	< 10	< 10	115	< 10	92
L17+50N 60+75E	201 238	< 1	0.01	39	2920	2	< 5	6	18	0.33	< 10	< 10	124	< 10	146
L17+50N 61+00E	201 238	< 1	0.02	24	740	< 2	< 5	5	21	0.37	< 10	< 10	95	< 10	112
L17+50N 61+25E	201 238	< 1	0.01	31	1710	2	< 5	5	22	0.37	< 10	< 10	108	< 10	136
L17+50N 61+50E	201 238	< 1	0.02	32	470	< 2	< 5	6	40	0.44	< 10	< 10	103	< 10	92
L17+50N 61+75E	201 238	1	0.01	33	1190	< 2	< 5	6	25	0.40	< 10	< 10	112	< 10	116
L17+50N 62+00E	201 238	1	0.01	44	1150	< 2	< 5	6	25	0.41	< 10	< 10	124	< 10	140
L17+50N 62+25E	201 238	< 1	0.02	40	750	< 2	< 5	6	25	0.39	< 10	< 10	123	< 10	108
L17+50N 62+50E	201 238	< 1	0.01	53	1060	2	< 5	8	23	0.35	< 10	< 10	118	< 10	132
L17+50N 62+75E	201 238	< 1	0.01	38	1330	12	< 5	6	24	0.38	< 10	< 10	112	< 10	130

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To G HES LANG EXPLORATIONS LTD.

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Project : APIAN BONAPARTE
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Page No. A
 Tot. Page
 Date : 26-OCT-89
 Invoice # : I-8928172
 P.O. # :

CERTIFICATE OF ANALYSIS A8928172

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
L17+50N 63+00E	201 238	< 5	3.00	0.2	45	130	< 0.5	< 2	0.23	< 0.5	15	50	25	4.24	< 10	< 1	0.04	10	0.65	745
L17+50N 63+25E	201 238	< 5	2.57	0.4	35	130	< 0.5	< 2	0.18	< 0.5	13	48	16	4.73	10	< 1	0.05	< 10	0.48	345
L17+50N 63+50E	201 238	< 5	1.67	0.4	5	80	< 0.5	4	0.15	0.5	10	39	10	3.07	< 10	< 1	0.04	< 10	0.36	340
L17+50N 63+75E	201 238	< 5	2.73	0.4	50	200	< 0.5	2	0.23	< 0.5	15	49	25	4.25	< 10	< 1	0.05	10	0.65	590
L17+50N 64+00E	201 238	10	2.01	1.0	30	140	< 0.5	< 2	0.19	< 0.5	10	40	44	3.30	10	< 1	0.06	10	0.69	470
L17+50N 64+25E	201 238	10	2.53	0.6	70	130	< 0.5	< 2	0.21	< 0.5	16	49	31	4.31	< 10	< 1	0.04	10	0.63	350
L17+50N 64+50E	201 238	< 5	2.38	0.8	5	90	< 0.5	2	0.07	0.5	12	36	18	3.78	< 10	< 1	0.03	< 10	0.37	255
L17+50N 64+75E	201 238	< 5	3.32	0.4	< 5	120	< 0.5	< 2	0.13	0.5	21	42	24	4.02	< 10	< 1	0.04	< 10	0.55	290
L17+50N 65+00E	201 238	< 5	3.33	0.2	15	120	< 0.5	2	0.25	< 0.5	22	44	36	5.09	< 10	< 1	0.05	< 10	1.42	440
L17+50N 65+25E	201 238	< 5	2.98	0.2	25	100	< 0.5	< 2	0.29	< 0.5	28	39	54	5.05	< 10	< 1	0.04	< 10	1.02	580
L17+50N 65+50E	201 238	< 5	3.01	0.2	30	100	< 0.5	4	0.19	< 0.5	20	66	55	4.44	< 10	< 1	0.03	< 10	0.74	495
L17+50N 65+75E	201 238	< 5	2.94	< 0.2	10	120	< 0.5	2	0.21	0.5	16	56	36	4.99	< 10	< 1	0.03	< 10	0.75	345
L17+50N 66+00E	201 238	< 5	1.82	0.6	< 5	70	< 0.5	2	0.19	< 0.5	8	30	27	2.76	< 10	< 1	0.04	< 10	0.33	280

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Page No. 3

Tot. Pages

Date : 26-OCT-89

Invoice # : I-8928172

P.O. #

CERTIFICATE OF ANALYSIS A8928172

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
L17+50N 63+0OE	201 238	< 1	0.01	39	790	10	< 5	6	23	0.34	< 10	< 10	100	< 10	146
L17+50N 63+25E	201 238	< 1	0.02	30	1660	4	< 5	4	19	0.35	< 10	< 10	101	< 10	176
L17+50N 63+5OE	201 238	< 1	0.02	24	750	8	< 5	3	16	0.27	< 10	< 10	77	< 10	100
L17+50N 63+75E	201 238	1	0.01	38	1680	24	< 5	5	27	0.32	< 10	< 10	89	< 10	146
L17+50N 64+0OE	201 238	< 1	0.01	61	790	< 2	< 5	4	19	0.22	< 10	< 10	60	< 10	110
L17+50N 64+25E	201 238	< 1	0.01	45	1100	14	< 5	5	20	0.33	< 10	< 10	95	< 10	112
L17+50N 64+5OE	201 238	3	0.01	32	1400	16	< 5	3	6	0.20	< 10	< 10	63	< 10	110
L17+50N 64+75E	201 238	< 1	0.01	38	1040	10	< 5	4	11	0.25	< 10	< 10	83	< 10	124
L17+50N 65+0OE	201 238	< 1	0.01	26	610	10	< 5	7	15	0.25	< 10	< 10	127	< 10	74
L17+50N 65+25E	201 238	< 1	0.01	29	710	< 2	< 5	6	17	0.27	< 10	< 10	109	< 10	110
L17+50N 65+5OE	201 238	< 1	0.01	45	630	10	< 5	5	11	0.33	< 10	< 10	95	< 10	116
L17+50N 65+75E	201 238	1	0.01	36	560	14	< 5	5	17	0.39	< 10	< 10	115	< 10	108
L17+50N 66+0OE	201 238	< 1	0.02	16	810	10	< 5	3	11	0.20	< 10	< 10	59	< 10	72

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HUGHES LANG EXPLORATIONS LTD.

Project: APIAN BONAPARTE
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Samples submitted to our lab in Vancouver, BC.
This report was printed on 25-OCT-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	6	Rock Geochem: Crush, split, ring
238	6	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	6	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
921	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	6	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	6	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	6	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	6	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	6	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Page Number : 1-A
Total Pages : 1
Invoice Date : 25-OCT-89
Invoice No. : I-8928173
P.O. Number : NONE

Project : APIAN BONAPARTE
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CERTIFICATE OF ANALYSIS A8928173

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
R-001	205 238	15	1.68	< 0.2	15	160	< 0.5	< 2	0.10	< 0.5	9	157	46	3.42	< 10	< 1	0.14	10	1.08	610
R-002	205 238	< 5	1.65	< 0.2	40	50	< 0.5	< 2	0.07	< 0.5	13	236	13	3.12	< 10	< 1	0.08	< 10	1.30	680
R-003	205 238	< 5	1.74	< 0.2	< 5	10	< 0.5	< 2	0.55	< 0.5	11	247	2	2.34	< 10	< 1	< 0.01	< 10	1.41	550
R-004	205 238	< 5	0.15	< 0.2	< 5	50	< 0.5	< 2	0.06	< 0.5	2	262	4	0.47	< 10	< 1	0.01	< 10	0.07	635
R-005	205 238	< 5	0.77	0.2	< 5	100	< 0.5	< 2	0.16	0.5	8	206	32	1.89	< 10	< 1	0.10	< 10	0.41	630
R-006	205 238	< 5	1.30	< 0.2	30	150	< 0.5	< 2	3.68	< 0.5	18	168	61	4.13	< 10	< 1	0.18	< 10	1.37	1145

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Page Number : 1-B
Total Pages : 1
Invoice Date : 25-OCT-89
Invoice No. : I-8928173
P.O. Number : NONE

Project : APIAN BONAPARTE
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CERTIFICATE OF ANALYSIS A8928173

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
R-001	205	238	1	0.02	21	430	34	< 5	4	8	0.04	< 10	< 10	40	< 10	114
R-002	205	238	1	0.01	35	250	12	< 5	4	3	< 0.01	< 10	< 10	36	< 10	58
R-003	205	238	< 1	< 0.01	22	430	14	< 5	4	33	0.15	< 10	< 10	41	< 10	42
R-004	205	238	< 1	< 0.01	9	40	8	< 5	< 1	3	< 0.01	< 10	< 10	4	< 10	20
R-005	205	238	1	0.01	28	330	6	< 5	2	15	< 0.01	< 10	< 10	15	< 10	72
R-006	205	238	< 1	0.02	44	1230	12	< 5	12	104	< 0.01	< 10	< 10	54	< 10	64

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Page No. : 1-A
Tot. Pages: 1
Date : 29-OCT-89
Invoice # : I-8928810
P.O. # : NONE

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SAMPLE DESCRIPTION	PREP CODE		Au ppb	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
			FA+AA	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
BPE-DN-89-1	205	238	< 5	0.25	< 0.2	20	20	< 0.5	< 2	9.00	3.0	4	140	16	0.47	< 10	< 1	0.02	< 10	0.12	1990
BPE-DN-89-2	205	238	< 5	0.14	< 0.2	< 5	20	< 0.5	< 2	5.29	< 0.5	3	190	30	0.53	< 10	< 1	0.02	< 10	0.09	1025

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Page No. : 1-B
Tot. Pages: 1
Date : 29-OCT-89
Invoice # : I-8928810
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CERTIFICATE OF ANALYSIS A8928810

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
BPE-DN-89-1	205	238	2	0.01	33	120	2	< 5	2	462	< 0.01	< 10	< 10	4	< 10	106
BPE-DN-89-2	205	238	3	0.01	9	110	6	< 5	2	236	< 0.01	< 10	< 10	3	< 10	40

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