ASSESSMENT REPORT
ON

DIAMOND DRILLING AND
GEOCHEMICAL/BULK SAMPLING
ON THE FOLLOWING CLAIM

Tenure # 529078

Clone Property

STATEMENT OF WORK #'s 4938447, 4963067, 4831483, 4952517

Located

19 KM SOUTHEAST OF
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION

55 degrees 48 minutes latitude
129 degrees 47 minutes longitude

MAPSHEETS 103P071, 072, 081, 082

PROJECT PERIOD: July 23 to October 5, 2010

ON BEHALF OF
TEUTON RESOURCES CORP.
VANCOUVER, B.C.

REPORT BY

D. Cremonese, P. Eng.
#202-2187 Oak Bay Avenue
Victoria, B.C.
V8R1G1

Date: August 05, 2011

BRITISH COLUMBIA
The Best Place on Earth

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: DRILLING & GEOCHEMICAL/BULK SAMPLING TOTAL COST: $486,058

AUTHOR(S): D. CREMONESE, P.ENG. SIGNATURE(S): D. Cremonese

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2010

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):
4938447, 4963067, 4831483, 4952517

PROPERTY NAME: CLONE

CLAIM NAME(S) (on which the work was done): 529078

COMMODITIES SOUGHT: Au, Co

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: SKEENA NTS/BCGS:

LATITUDE: 55 ° 48 ' " LONGITUDE: 129 ° 47 ' " (at centre of work)

OWNER(S):
1) TEUTON RESOURCES CORP. 2)
SILVER GRAIL RESOURCES LTD.

MAILING ADDRESS:
202 - 2187 OAK BAY AVENUE
VICTORIA, B.C. V8R 1G1

OPERATOR(S) [who paid for the work]:
1) 2)

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Gold mineralization is found in brittle-ductile shear zones in late Triassic volcanic-sedimentary strata. Mineralization was subject to deformation and occurs either as an oxide (Hematite-magnetite) or sulfide (Pyrite-pyrrhotite-arsenopyrite)

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: #~~29~~ 24938, #27297, #28380, #31340

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	1342 M @ $75.46 M Plus INCIDENTALS HELICOPTER.	529078	400,000
Non-core			
RELATED TECHNICAL			
Sampling/assaying	321 SAMPLES Au + ICP	529078	86,058
Petrographic	38 Bulk Samples + REMOVAL		
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	486,058

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1. INTRODUCTION

A. Property, Location, Access and Physiography

The Clone property is located about 19km southeast of Stewart, British Columbia. Nearest road is a logging road running east up the Marmot River from tidewater in the Portland Canal to a point about 9km northwest of the property. Present access to the property is by helicopter from the base at Stewart (Prism Helicopters).

The #529078 and surrounding claims forming the Clone property are situated southeast of Treble Mountain at the head of Sutton Glacier. The main area of interest is a roughly 4km square nunatak with much of the southern sections only recently exposed by rapidly retreating ice (the southern ice boundary is up to 200m further south in places than that depicted on government topographic and claim maps). Elevations at the south end of the nunatak rise from about 1100 metres at the base to about 1734 metres. Most of the nunatak can be traversed safely on foot although local areas feature small bluffs. There is no forest cover on the property. Vegetation consists of alpine grasses and heather growing in patches along the talus, moraine and outcrop.

Climate is relatively severe, particularly at higher elevations.

B. Status of Property

Relevant claim information is summarized below:

Tenure No.	Area in Hectares	Current Expiry Date
529078	890.83	Sept. 17, 2011

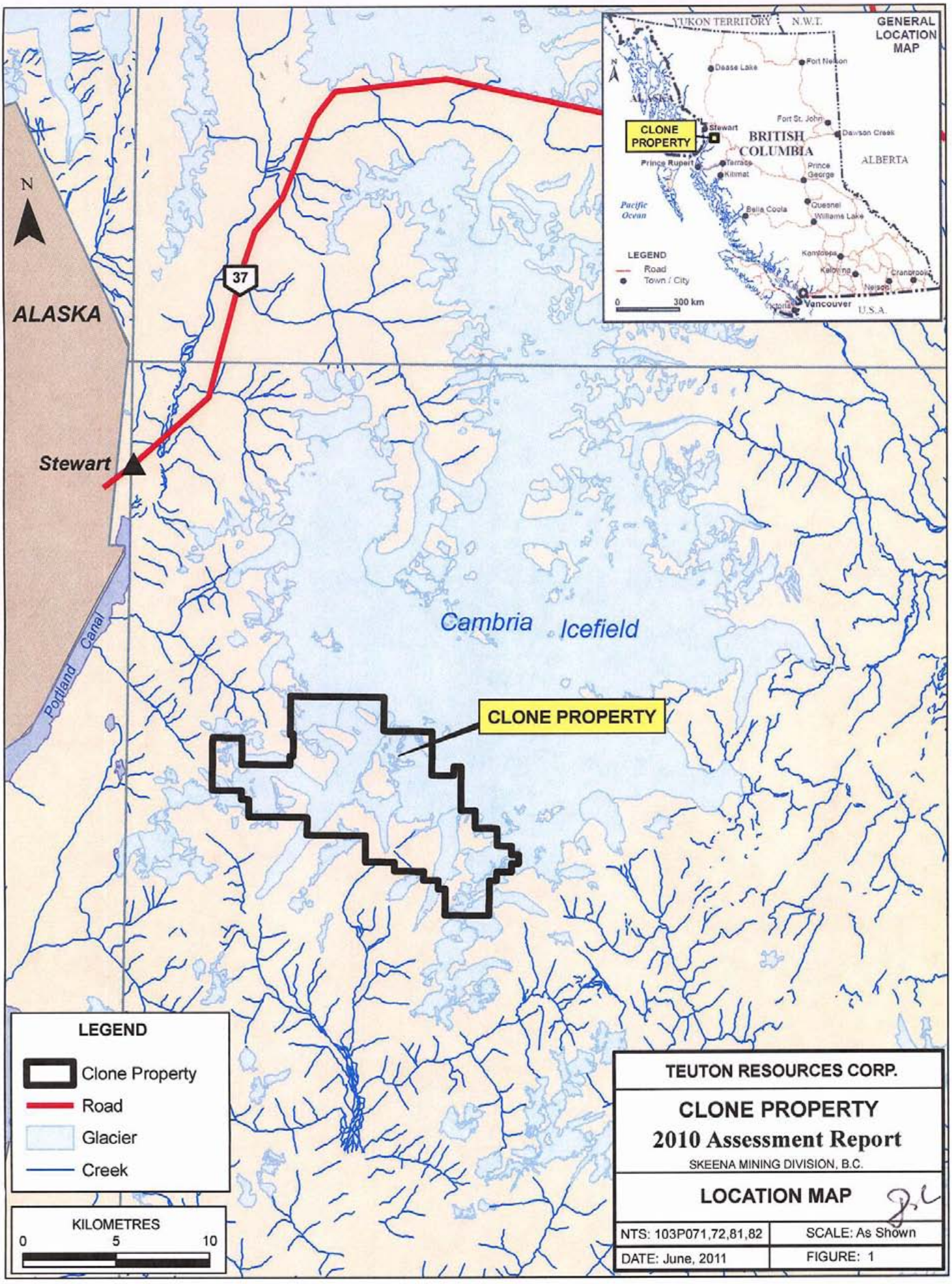
Claim locations comprising the Clone property (#529078 is the claim upon which the work was done) are shown on Fig. 2 after government MTRM maps 103P071, 072, 081 and 082.

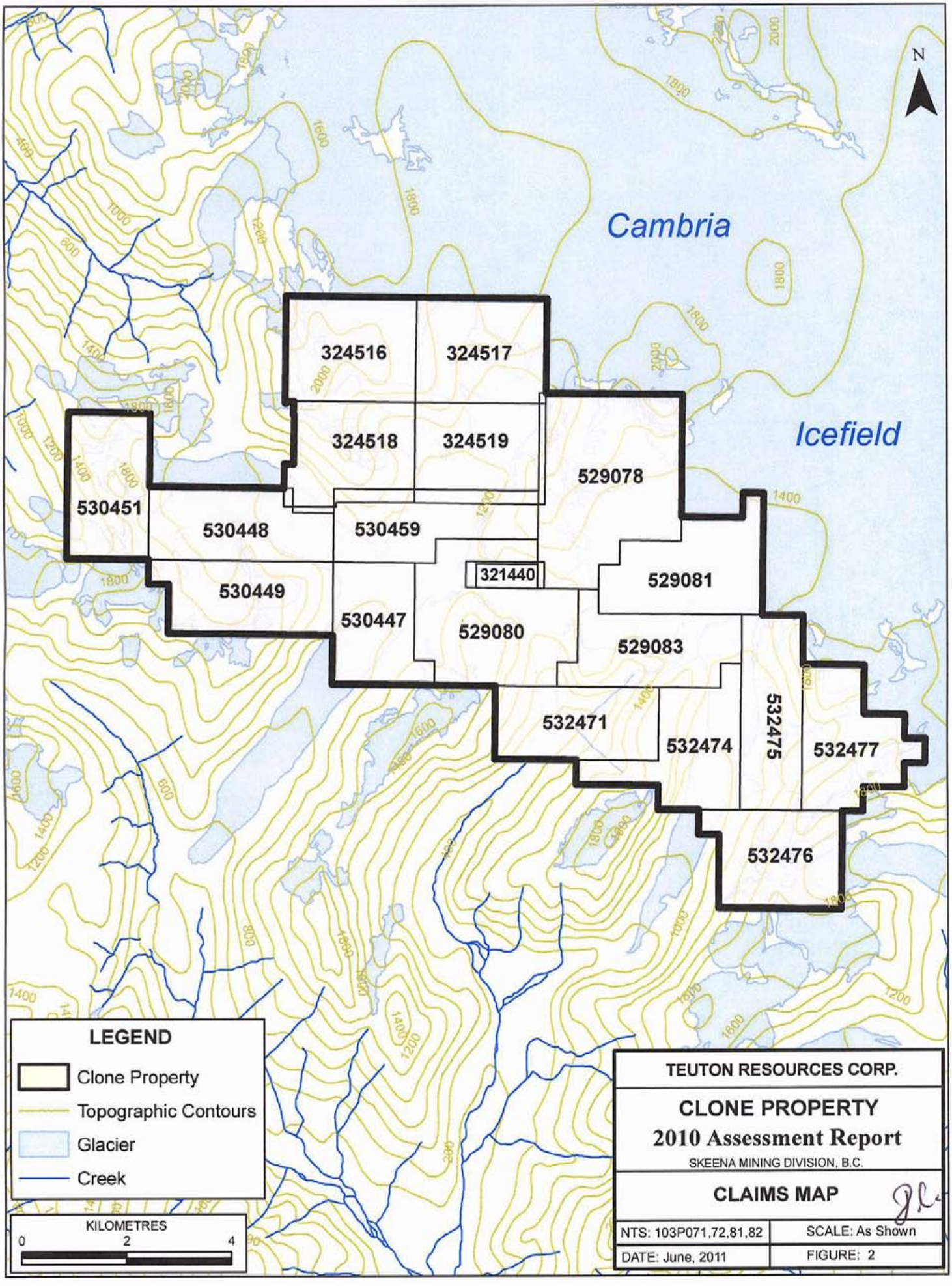
The claims are owned 50/50 by Teuton Resources Corp. and Silver Grail Resources Ltd. of Vancouver, British Columbia and are under option by Canasia Industries Ltd.

Teuton Resources Corp. is the operator.

C. History

Exploration for metals began in the Stewart region about 1898 after the discovery of mineralized float by a party of placer miners. Sites which could be easily reached from Stewart were the first to be explored among which was the lower Marmot River area. This early phase of exploration culminated in 1910 when both Stewart and the neighbouring town of Hyder, Alaska boasted a population of around 10,000. Another boom period began in the early 1920's after the discovery of the very rich Premier gold-silver mine in the Salmon River area, northwest of Stewart.


GENERAL LOCATION MAP
YUKON TERRITORY
N.W.T.
ALASKA
Dease Lake
Fort Nelson
CLONE PROPERTY
Stewart
Fort St. John
Dawson Creek
BRITISH COLUMBIA
ALBERTA
Prince Rupert
Terrace
Kitimat
Prince George
Pacific Ocean
Bella Coola
Quesnel
Williams Lake
LEGEND
Road
Town / City
0
300 km
Kamloops
Kelowna
Cranbrook
Nelson
Victoria
Vancouver
U.S.A.
N
ALASKA
37
Stewart
Portland Canal
Cambria Icefield
CLONE PROPERTY
LEGEND
Clone Property
Road
Glacier
Creek
KILOMETRES
0
5
10
TEUTON RESOURCES CORP.
CLONE PROPERTY
2010 Assessment Report
SKEENA MINING DIVISION, B.C.
LOCATION MAP
NTS: 103P071,72,81,82
SCALE: As Shown
DATE: June, 2011
FIGURE: 1


N
Cambria
Icefield
324516
324517
324518
324519
529078
530451
530448
530459
530449
321440
529081
530447
529080
529083
532471
532474
532475
532477
532476
LEGEND
Clone Property
Topographic Contours
Glacier
Creek
KILOMETRES
0
2
4
TEUTON RESOURCES CORP.
CLONE PROPERTY
2010 Assessment Report
SKEENA MINING DIVISION, B.C.
CLAIMS MAP
NTS: 103P071,72,81,82
SCALE: As Shown
DATE: June, 2011
FIGURE: 2

Although a number of gold and silver prospects were sporadically worked in the Marmot River region up to the early 1930's, only the Prosperity-Porter Idaho mine (at the head of Kate Ryan Creek, a tributary of the Marmot River) saw limited production. The prospect closest to the Clone claims is the old Ficklin-Harner located at the head of the Marmot River on the southern flank of Treble Mountain. It was explored by a few tunnels attempting to intersect high-grade quartz-sulfide mineralization intermittently exposed on surface. At this time, the area covered by the Clone property was probably mostly under snow and ice and hence unavailable for exploration by the oldtimers.

From 1940 to 1979 there was little activity in the region due to lacklustre precious metal prices. However when silver and gold prices skyrocketed in the early 1980's, many of the old properties in the area were re-examined by both small and large exploration companies. Discovery by Bond Gold Canada of auriferous mineralization at Red Mountain, north of the Clone property, rekindled interest in the Cambria Icefield area in the mid-1990's.

A reconnaissance effort by Teuton Resources personnel in the region surrounding Red Mountain culminated in the discovery of unusual gold and gold-cobalt bearing shear structures on the Clone property in the latter half of the 1995 field season. This led to a much larger program including property-wide prospecting, mapping, trenching, geophysical surveys and diamond drilling during 1996 and 1997, details of which are on file in assessment reports filed with the British Columbia Ministry of Energy Mines and Petroleum Resources (see References).

In 1998 Ross Sherlock, Ph.D., visited the Clone property and undertook a structural study under the auspices of SRK Engineering. This work helped to elucidate some of the controls for the gold mineralization in the Clone shears. Details of this work are in a 1999 assessment report by the author on file with the British Columbia Ministry of Energy Mines and Petroleum Resources (see References).

Further drilling was done in 2002 on the Clone property by Lateegra Resources (who held the property under option for two years). After Lateegra relinquished its option, Canasia Industries took out an option on the property in 2005. Canasia funded an airborne survey and two drill programs on the claims before commissioning the drill program which is the subject of this report.

D. References

1. ALLDRICK, D.J.(1984); Geological Setting of the Precious Metals Deposits in the Stewart Area, Paper 84-1, Geological Fieldwork 1983", B.C.M.E.M.P.R.

2. ALLDRICK, D.J.(1985); "Stratigraphy and Petrology of the Stewart Mining Camp (104B/1E)", p. 316, Paper 85-1, Geological Fieldwork 1984, B.C.M.E.M.P.R.

3. CREMONESE, D., P.ENG. (1999) Assessment Report on Geological Work on the Clone Property, on file with BCMEMPR, #26105. [Incorporating the Structural Study of the Clone Property by Ross Sherlock, Ph.D., 1999).

4 CREMONESE, D., P.ENG. (2003) Assessment Report on Diamond Drilling Work 'on the Clone Property, on file with BCMEMPR, #27297.

5. CREMONESE, D., P.ENG. (2005) Assessment Report on Geophysical Work on the Clone Property, on file with BCMEMPR, #28380.

6. CREMONESE, D., P.ENG. (2009) Assessment Report on Geophysical Work on the Clone Property, on file with BCMEMPR, #31340.

7. GREIG, C.J., ET AL (1994); "Geology of the Cambria Icefield: regional setting for Red Mountain gold deposit, northwestern British Columbia", p. 45, Current Research 1994-A, Cordillera and Pacific Margin, Geological Survey of Canada.

8. GROVE, E.W. (1971): Bulletin 58, Geology and Mineral Deposits of the Stewart Area. B.C.M.E.M.P.R.

9. GROVE, E.W. (1982): Unuk River, Salmon River, Anyox Map Areas. Ministry of Energy, Mines and Petroleum Resources, B.C.

10. GROVE, E.W. (1987): Geology and Mineral Deposits of the Unuk River-Salmon River-Anyox Area, Bulletin 63, BCMEMPR

11. KRUCHKOWSKI, E. (1996); Assessment Report on Geochemical Program—£lone 1 Claim, on file with BCMEMPR.

12. KRUCHKOWSKI, E. (1998); Assessment Report on Geological, Geochemical and Geophysical and Diamond Drilling Work on the Clone Property, #24938 on file with BCMEMPR.

13. SHERLOCK, ROSS, PH.D. (1999) Geology of the Clone Project, Stewart Region, NW British Columbia, Canada (Structural Study by SRK Consulting Engineers commissioned by Teuton Resources Corp.).

E. Summary of Work Done.

The 2010 diamond drilling and bulk sampling program on the Clone property was part of a larger program involving exploration of several of Teuton's properties located in the Stewart region. This field work spanned the period from July 22nd to October 5th, 2010.

Primary field crew consisted of geologist Amanda Mullin and the author. Drilling and pad-building was contracted to More Core Diamond Drilling out of Stewart, BC. Surface blasting and sampling was contracted to Minconsult Exploration Services. Granmac Services of Stewart supplied fuel and was the expeditor for the project. Field, drill, and blasting crews were shuttled in and out of the property daily by a contract Hughes 500 machine, supplied by Prism Helicopters of Stewart, BC.

Sixteen holes totaling 1367.94 metres were drilled from which 287 samples were taken. In addition, 34 tons of high grade ore were extracted and flown off the property. A representative sample was taken from each of the one-ton lots. Samples were shipped to Richmond B.C. for ICP/geochem Au analysis at the Pioneer Labs facility.

2. TECHNICAL DATA AND INTERPRETATION

A. Regional Geology

The Stewart district is near the western margin of the Stikine terrane of the Intermontane belt. Stikinia is the largest and metallogenically most prolific terrain in the Canadian Cordillera. Stikinia generally comprises three stratigraphic groups, all of which are recognized in the Stewart region:
(1) Middle and Upper Triassic mafic volcanics and clastic rocks and cherts of the Stuhini Group; (2) Lower and Middle Jurassic volcanic and clastic rocks of the Hazelton group; and (3) Upper Jurassic mudstones and sandstones of the Bowser Lake group. The stratigraphic sequence has been deformed into non-cylindrical northwesterly trending syncline-anticline pairs, the axials planes of which have been cut by easterly dipping thrusts (Greig et al, 1994).

Intrusive phases in the region include Late Triassic calc-alkaline intrusives, coeval with Stuhini volcanic rocks, Early to Middle Jurassic intrusives that are variable in composition and roughly coeval with the Hazelton group volcanics. Also present are Eocene age intrusives, part of the Coast Plutonic suite.

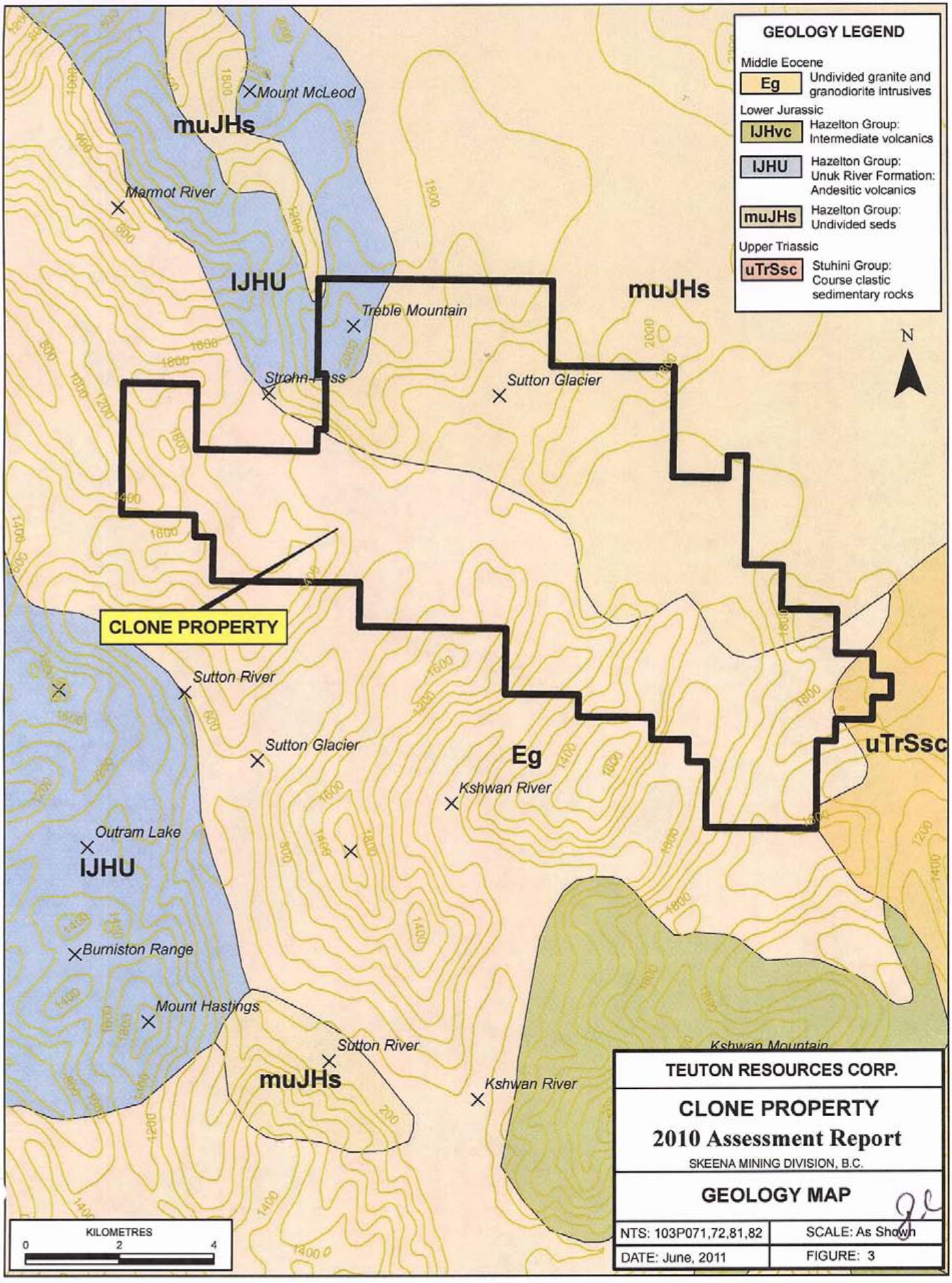
More than 600 mineral deposits, at least 70 of which have shown some production, have been discovered within the boundaries of this region. Famous historical producers include the Premier, Granduc and Anyox mines. The recently closed Eskay Creek mine (owned by Barrick Corp) is another stellar producer and during its prime was one of North America's highest grade gold-silver mines.

Regional geology is presented in Fig. 3.

B. Property Geology

The Clone nunatak is underlain by a homoclinal sequence of volcanic and sedimentary strata which strikes SE and youngs to the SW. From NE to SW the sequence includes: a dominantly sedimentary sequence with lesser intercalated andesite volcanics cut by a large dioritic to gabbroic intrusion; a heterolithic sequence including a basal maroon volcanic breccia overlain by basaltic to andesitic breccias and siltstones and intruded by a series of hornblende and biotite porphyritic intrusives; and, a dominantly volcanic package composed of mafic flows, sills and breccias.

Gold mineralization at the Clone property is hosted in well defined brittle-ductile shear zones in late Triassic volcanic-sedimentary strata. The shear zones range from 20 cm to 3m wide and can


GEOLOGY LEGEND
Middle Eocene
Eg
Undivided granite and granodiorite intrusives
Lower Jurassic
IJHvc
Hazelton Group: Intermediate volcanics
IJHU
Hazelton Group: Unuk River Formation: Andesitic volcanics
muJHs
Hazelton Group: Undivided seds
Upper Triassic
uTrSsc
Stuhini Group: Course clastic sedimentary rocks
N
CLONE PROPERTY
Mount McLeod
Marmot River
Treble Mountain
Strohn Pass
Sutton Glacier
Sutton River
Kshwan River
Outram Lake
Burniston Range
Mount Hastings
Kshwan Mountain
muJHs
IJHU
Eg
uTrSsc
KILOMETRES
0
2
4
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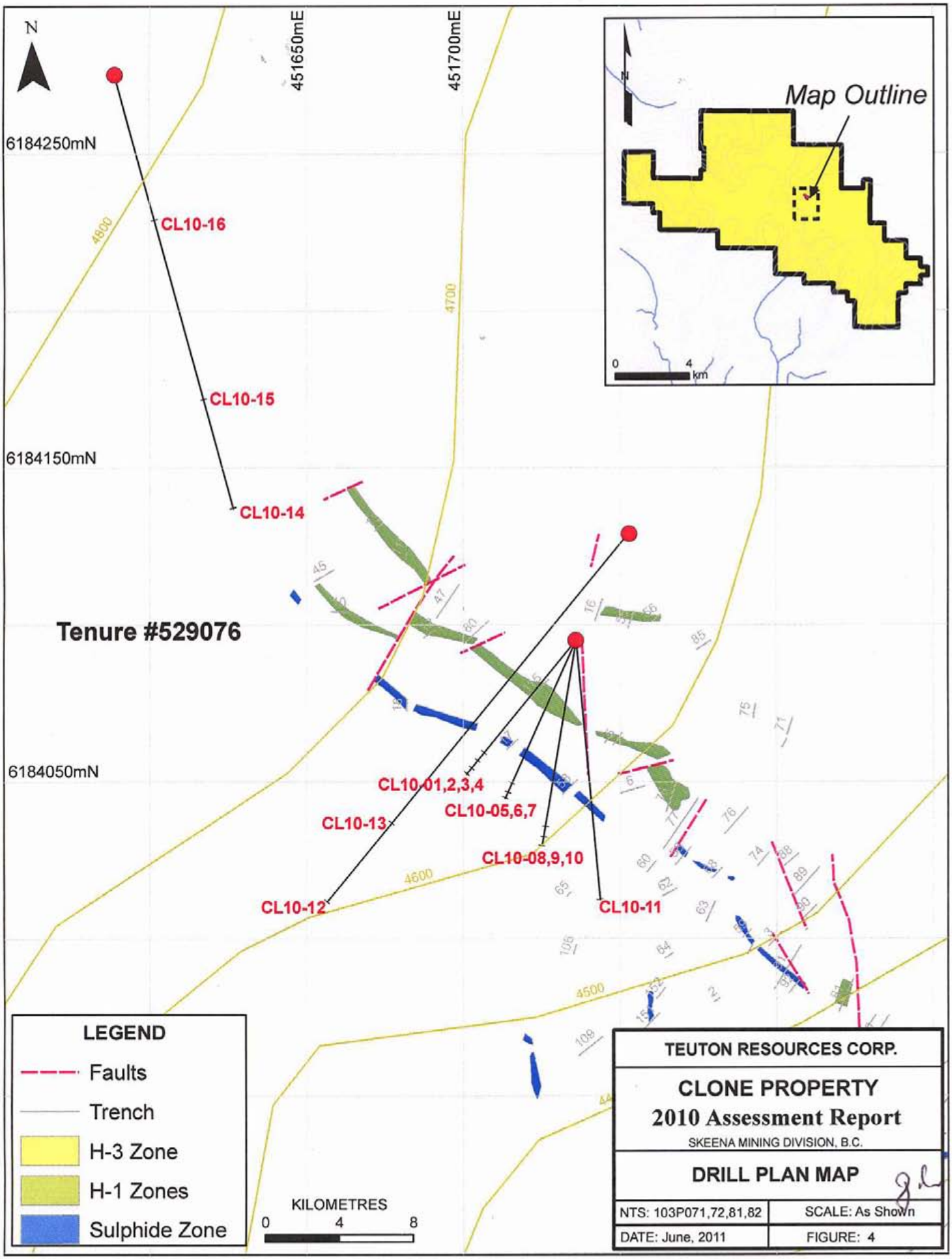
CLONE PROPERTY
2010 Assessment Report
SKEENA MINING DIVISION, B.C.
GEOLOGY MAP
NTS: 103P071,72,81,82
SCALE: As Shown
DATE: June, 2011
FIGURE: 3


N
451650mE
451700mE
6184250mN
6184150mN
6184050mN
CL10-16
CL10-15
CL10-14
CL10-01,2,3,4
CL10-05,6,7
CL10-13
CL10-08,9,10
CL10-12
CL10-11
Tenure #529076
4800
4700
4600
4500
Map Outline
0
4
km
LEGEND
Faults
Trench
H-3 Zone
H-1 Zones
Sulphide Zone
KILOMETRES
0
4
8
TEUTON RESOURCES CORP.
CLONE PROPERTY
2010 Assessment Report
SKEENA MINING DIVISION, B.C.
DRILL PLAN MAP
NTS: 103P071,72,81,82
SCALE: As Shown
DATE: June, 2011
FIGURE: 4

be traced for over 500m along strike. Mineralization occurred early in the development of the shears and has been disrupted and deformed by continued post-mineralization deformation. Precious metal mineralization is localized in massive-semimassive iron oxides and lesser sulfides. The iron oxide fades ranges from hematite-specularite to massive magnetite. The massive sulfides are pyrite-pyrrhotite-arsenopyrite. The distribution of the oxide and sulfide facies is related to buffering of the hydrothermal fluids by oxidized or reduced host lithologies. [Author's Note: Geological observations in this and the preceding section have been largely excerpted from Sherlock (1999, Ref. 12).]

C. Diamond Drilling Program

a. Introduction

The first eleven holes were drilled at the south-eastern end of the high-grade zone in the H-1 structure and were drilled at shallow angles in order to guide the bulk sampling program. Holes 12 and 13 were drilled from a second pad as a deep test under the H-1 structure. Holes 14, 15, and 16 were drilled from a third pad at the northwestern limits of the H-1 structure about 300m from the first holes of the program.

A summary of the sixteen holes follows:

Hole	Pad	Azi	Dip	Total Depth (m)	UTM Northing	UTM Easting
CL-10-01	1	220	-25	60.96	6184095	451736
CL-10-02	1	220	-30	60.96	6184095	451736
CL-10-03	1	220	-35	60.96	6184095	451736
CL-10-04	1	220	-40	60.96	6184095	451736
CL-10-05	1	205	-25	60.96	6184095	451736
CL-10-06	1	205	-30	60.96	6184095	451736
CL-10-07	1	205	-35	60.96	6184095	451736
CL-10-08	1	190	-25	73.15	6184095	451736
CL-10-09	1	190	-30	73.15	6184095	451736
CL-10-10	1	190	-35	73.15	6184095	451736
CL-10-11	1	175	-25	91.44	6184095	451736
CL-10-12	2	220	-25	167.64	6184129	451753
CL-10-13	2	220	-15	123.75	6184129	451753
CL-10-14	3	165	-20	152.40	6184275	451589
CL-10-15	3	165	-30	123.75	6184275	451589
CL-10-16	3	165	-40	62.79	6184275	451589

b. Treatment of Data

Core from the holes was logged by Amanda Mullin, geologist. The most common assay interval was 1.52m, a few smaller or larger samples being taken where needed according to observed mineralization or structure. Detailed logs are presented in Appendix III.

Drill core exhibiting mineralization and/or intense alteration and deformed textures was diamond sawed and each sample run for gold content (ppb tolerance) and 30 element ICP. This core was removed from the property and stored in Teuton's warehouse in Stewart. A plan of these holes is presented in Figure 4. Assay and geological sections are presented in Figures 5, 6, 7, 8, 9, and 10.

c. Discussion

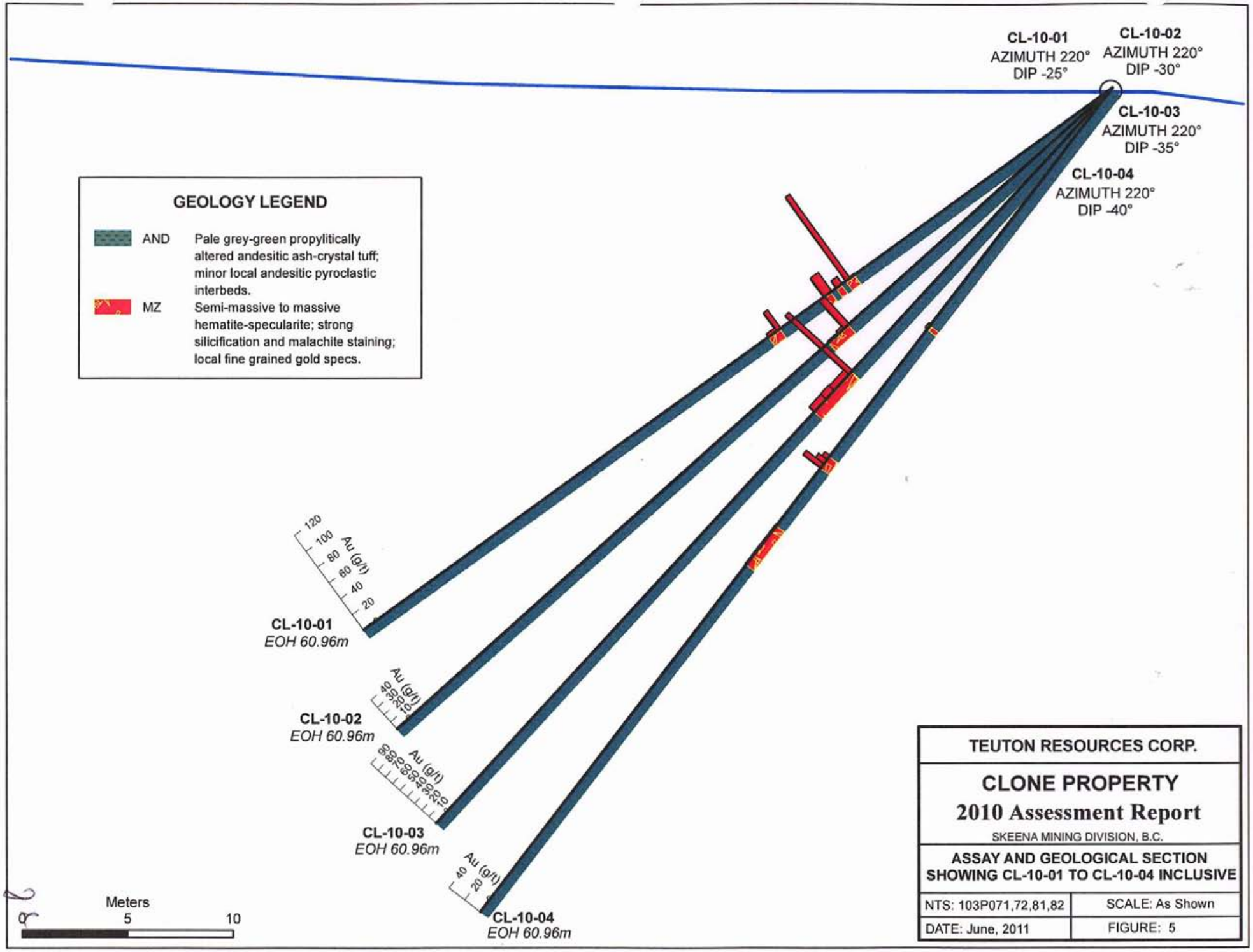
Significant intersections are shown below.

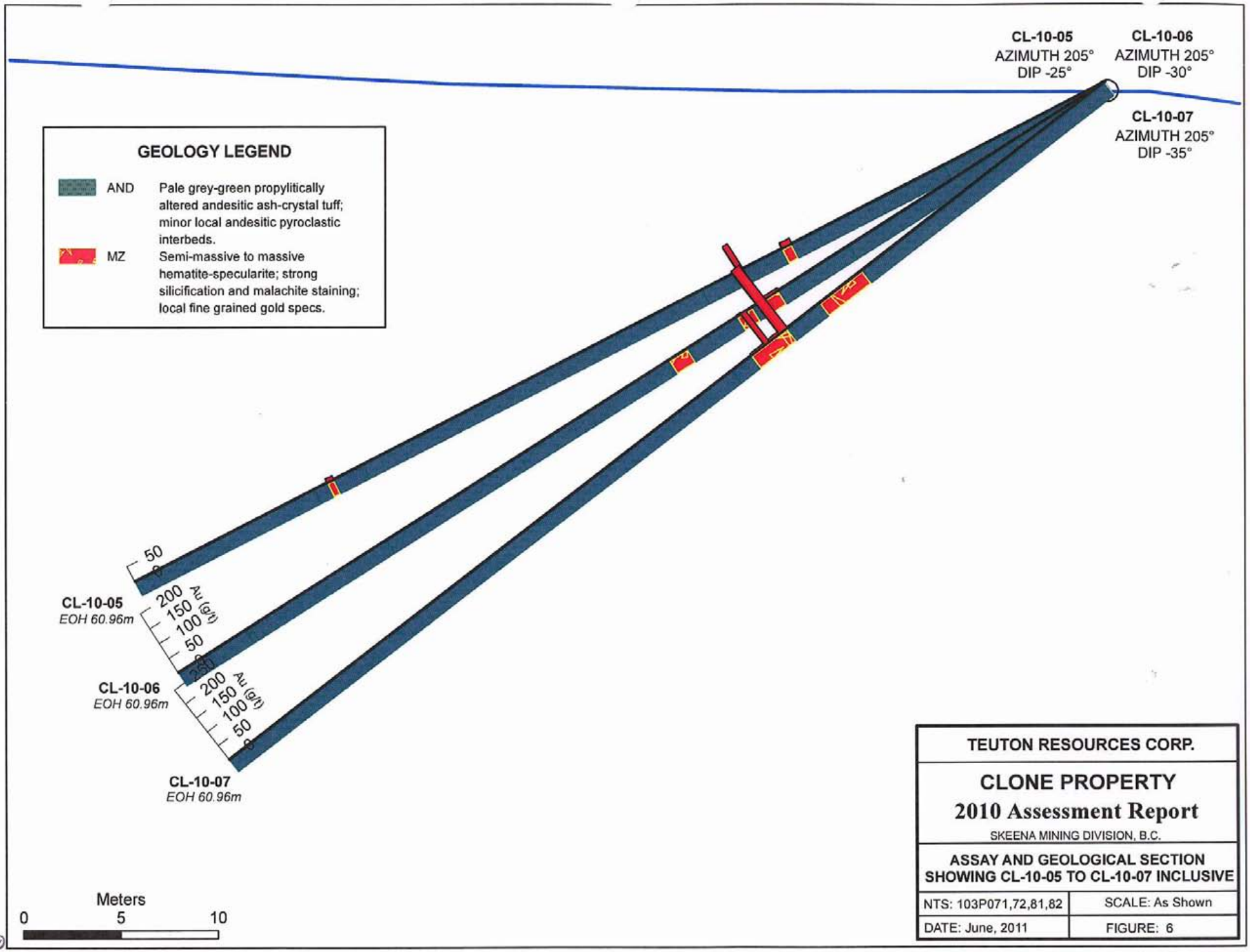
Drill Hole No.	From (m)	To (m)	Core Interval (m)	Au (g/t)
CL10-01	17.37	28.96	**11.58**	**5.98**
Incl.	21.34	21.67	**0.34**	**104.10**
CL10-02	22.40	24.17	**1.77**	**11.36**
CL10-03	23.41	26.82	**3.41**	**14.63**
CL10-04	27.19	28.10	**0.91**	**13.26**
CL10-05	19.66	20.27	**0.61**	**16.5**
	48.46	48.89	**0.43**	**11.35**
CL10-06	21.43	22.77	**1.34**	**48.53**
CL10-07	22.07	24.57	**2.50**	**66.58**
Incl.	22.07	22.62	**0.55**	**222.75**
CL10-08	19.51	22.80	**3.29**	**12.74**
Incl.	21.85	22.80	**0.95**	**38.88**
CL10-09	17.80	23.47	**5.67**	**6.75**
Incl.	21.58	22.65	**1.07**	**33.23**
CL10-10	60.05	63.09	**3.04**	**14.05**
Incl.	60.05	61.23	**1.18**	**27.12**
CL10-14	123.44	128.53	**5.09**	**2.07**

The first ten holes were successful in intersecting narrow widths of high-grade gold mineralization. Results are consistent with previous results from both trenching and drilling within the richest area of the H-1 structure, situated between Trenches 13 and 78. No significant values were intersected by the eleventh hole suggesting there is a gap in the high grade structure at this south-eastern extent.

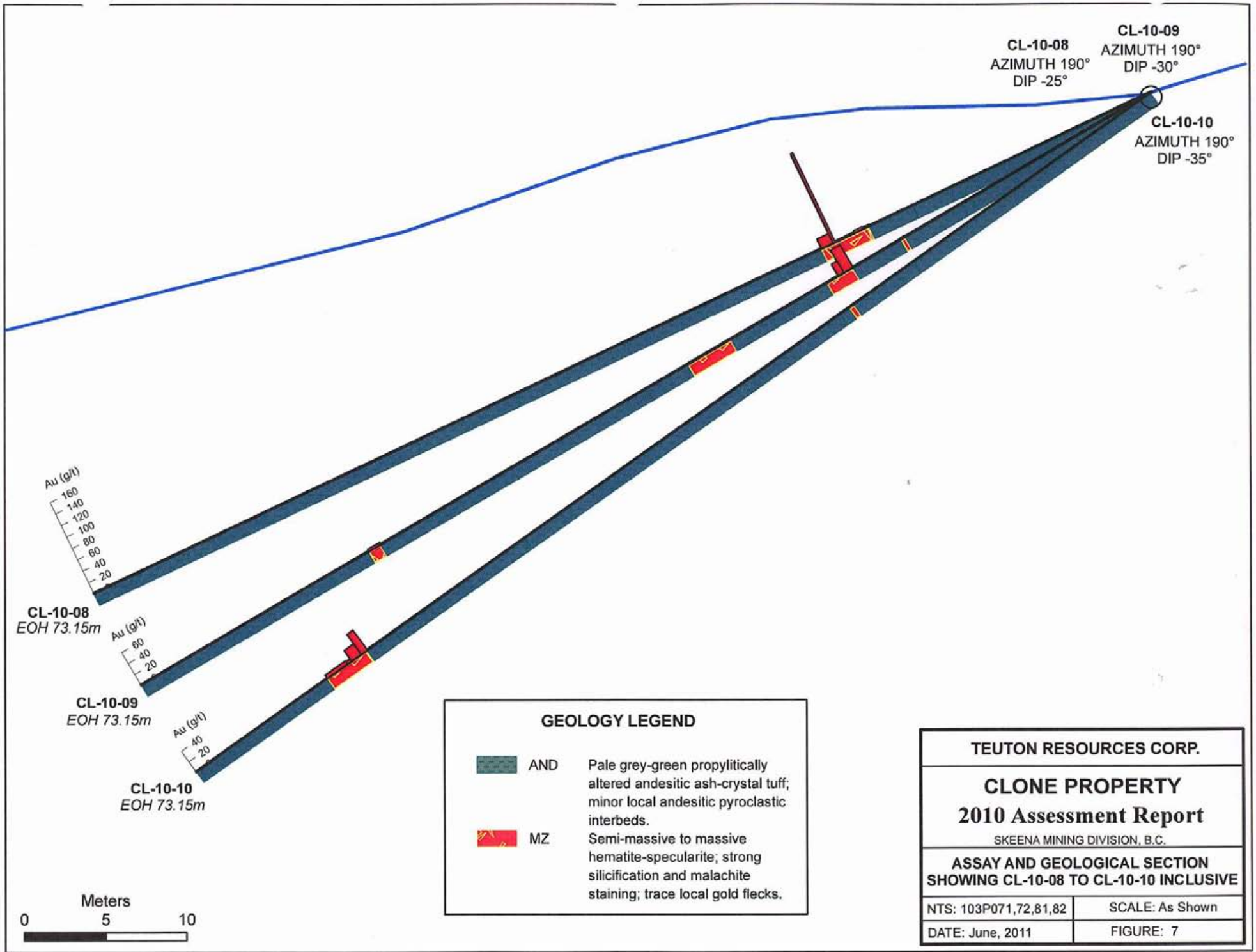
Holes 12 and 13 were designed to test the depth extension of the H-1 structure. No significant gold grades were intercepted. It appears the pad was stepped too far back and the holes were drilled below the vertical extent of the zone, or hit a barren portion of the shear.

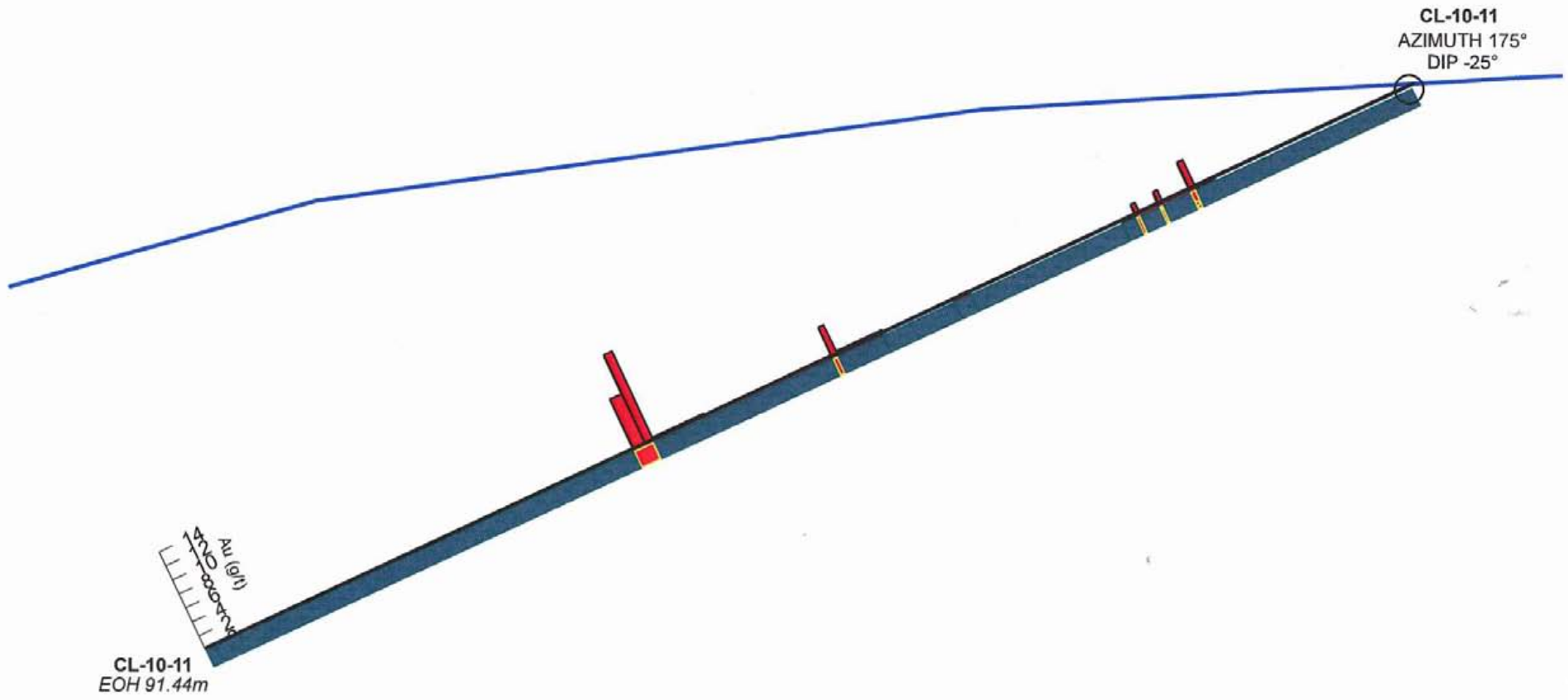
From the third pad, hole 14 intercepted a five metre interval of low grade gold mineralization. The steeper dipping holes, 15 and 16, intersected no significant zones.


CL-10-01
AZIMUTH 220°
DIP -25°
CL-10-02
AZIMUTH 220°
DIP -30°
CL-10-03
AZIMUTH 220°
DIP -35°
CL-10-04
AZIMUTH 220°
DIP -40°
GEOLOGY LEGEND
AND
Pale grey-green propylitically altered andesitic ash-crystal tuff; minor local andesitic pyroclastic interbeds.
MZ
Semi-massive to massive hematite-specularite; strong silicification and malachite staining; local fine grained gold specs.
Au (g/t)
120
100
80
60
40
20
CL-10-01
EOH 60.96m
CL-10-02
EOH 60.96m
CL-10-03
EOH 60.96m
CL-10-04
EOH 60.96m
Meters
0
5
10
TEUTON RESOURCES CORP.
CLONE PROPERTY
2010 Assessment Report
SKEENA MINING DIVISION, B.C.
ASSAY AND GEOLOGICAL SECTION
SHOWING CL-10-01 TO CL-10-04 INCLUSIVE
NTS: 103P071,72,81,82
SCALE: As Shown
DATE: June, 2011
FIGURE: 5



TEUTON RESOURCES CORP.	
CLONE PROPERTY **2010 Assessment Report** SKEENA MINING DIVISION, B.C.	
ASSAY AND GEOLOGICAL SECTION SHOWING CL-10-05 TO CL-10-07 INCLUSIVE	
NTS: 103P071,72,81,82	SCALE: As Shown
DATE: June, 2011	FIGURE: 6


CL-10-08
AZIMUTH 190°
DIP -25°
CL-10-09
AZIMUTH 190°
DIP -30°
CL-10-10
AZIMUTH 190°
DIP -35°
Au (g/t)
160
140
120
100
80
60
40
20
CL-10-08
EOH 73.15m
Au (g/t)
60
40
20
CL-10-09
EOH 73.15m
Au (g/t)
40
20
CL-10-10
EOH 73.15m
Meters
0
5
10
GEOLOGY LEGEND
AND
Pale grey-green propylitically altered andesitic ash-crystal tuff; minor local andesitic pyroclastic interbeds.
MZ
Semi-massive to massive hematite-specularite; strong silicification and malachite staining; trace local gold flecks.
TEUTON RESOURCES CORP.
CLONE PROPERTY
2010 Assessment Report
SKEENA MINING DIVISION, B.C.
ASSAY AND GEOLOGICAL SECTION
SHOWING CL-10-08 TO CL-10-10 INCLUSIVE
NTS: 103P071,72,81,82
SCALE: As Shown
DATE: June, 2011
FIGURE: 7



GEOLOGY LEGEND

	AND	Pale grey-green propylitically altered andesitic ash-crystal tuff; minor local andesitic pyroclastic interbeds.
	MZ	Semi-massive to massive hematite-specularite; strong silicification and malachite staining; trace local gold flecks.

Meters
0 10 20

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CLONE PROPERTY

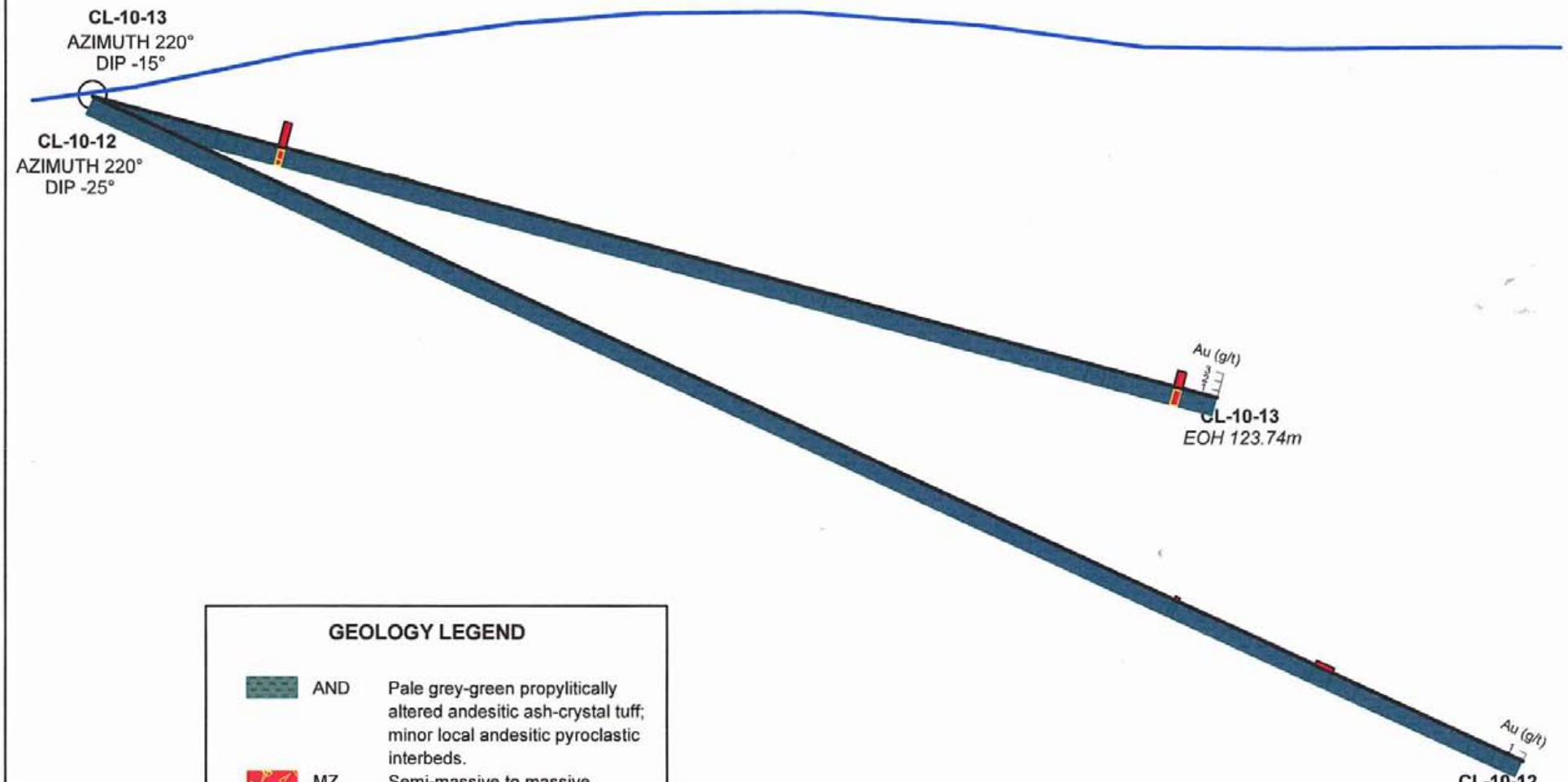
2010 Assessment Report

SKEENA MINING DIVISION, B.C.

ASSAY AND GEOLOGICAL SECTION SHOWING CL-10-11

NTS: 103P071,72,81,82	SCALE: As Shown
DATE: June, 2011	FIGURE: 8

96



GEOLOGY LEGEND

	AND	Pale grey-green propylitically altered andesitic ash-crystal tuff; minor local andesitic pyroclastic interbeds.
	MZ	Semi-massive to massive hematite-specularite; strong silicification and malachite staining; trace local gold flecks.

Meters
0 10 20

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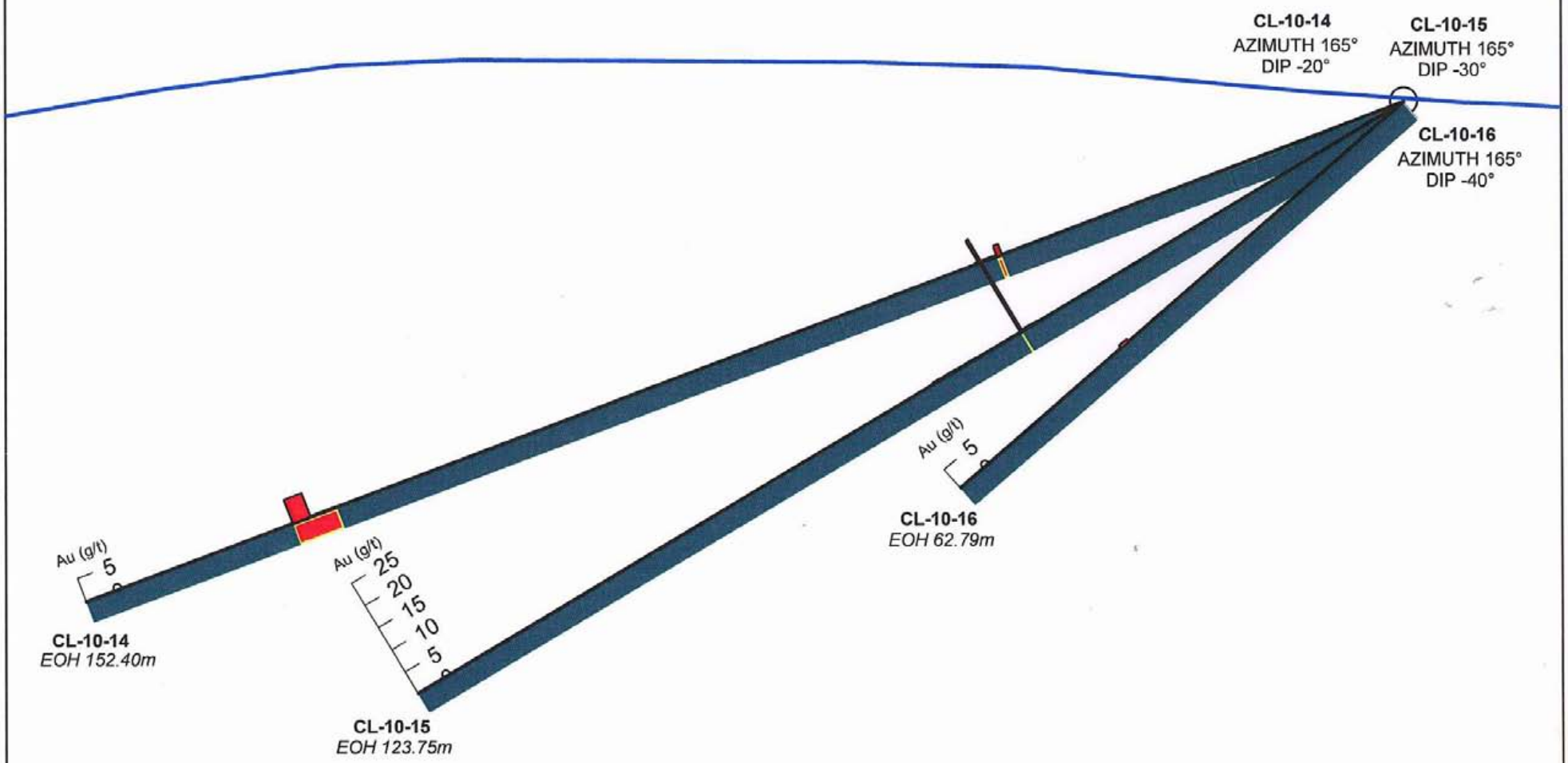
2010 Assessment Report

SKEENA MINING DIVISION, B.C.

ASSAY AND GEOLOGICAL SECTION SHOWING CL-10-12 AND CL-10-13

NTS: 103P071,72,81,82	SCALE: As Shown
DATE: June, 2011	FIGURE: 9



GEOLOGY LEGEND

AND	Pale grey-green propylitically altered andesitic ash-crystal tuff; minor local andesitic pyroclastic interbeds.
MZ	Semi-massive to massive hematite-specularite; strong silicification and malachite staining; trace local gold flecks.

Meters
0 10 20

TEUTON RESOURCES CORP.

CLONE PROPERTY

2010 Assessment Report

SKEENA MINING DIVISION, B.C.

ASSAY AND GEOLOGICAL SECTION SHOWING CL-10-14 TO CL-10-16 INCLUSIVE

NTS: 103P071,72,81,82	SCALE: As Shown
DATE: June, 2011	FIGURE: 10

D. Geochemical/Bulk Sampling Program

a. Introduction

The 2010 geochemical/bulk sampling program focused on a high-grade portion of the H-1 structure, located about 10 metres southwest of the first drill pad. Thirty-four tons of ore was extracted from the zone and shipped to Stewart by helicopter.

Plans call for a metallurgical test of the high-grade ore to be completed in late 2011, after completion of further bulk sampling.

b. Treatment of Data

Surface blasting was conducted by Minconsult Exploration Services. High grade rock was hand cobbed, put into one-ton ore bags, and slung off the property to Stewart, where it is stored. A representative sample was taken from each of the one-ton lots and sent to Pioneer Laboratories in Richmond, BC for analysis. Assay certificates are attached herein Appendix IV.

c. Discussion

A total of 34 samples taken from the one-ton lots comprising the bulk sample returned an average grade of 68.65 g/t gold, with the highest coming in at 19.3 oz/ton gold.

E. Core Details, Field Procedure and Laboratory Analysis

Core drilling was undertaken with a modified 2007 heli-portable Discovery I Hydraulic Diamond Drill with capability to drill from -90 degrees to +45 degrees. The core size was thin-wall BQ and fit into a standard core box with four rows holding 6.096m (20 ft.) of core.

Drill core was transported from the Clone property to Stewart by Hughes 500 helicopter, where it was then taken by fork lift to the Teuton Resources' warehouse at 3rd St. and Columbia. At the warehouse the core was logged by Amanda Mullin, geologist, and intervals were marked off with metal tags as well as on the core with a permanent marker. The core was then transported to the Mt. Boy facility for diamond sawing. One half of the core was sampled and the other half retained in the core box and stored permanently at the Teuton warehouse.

Analytical blanks and standards were periodically placed within the core as part of the QA/QC protocols. Barren granite was used for blanks, and the standards that were used were purchased from a laboratory in Langley (assays for the standards showed small variability consistent with standard assay techniques and the blanks all registered nil gold).

Samples were packaged in clear plastic sample bags, sealed with plastic zip ties, and transported in sealed rice bags. Only employees of Teuton Resources Corp. had access to the samples at any time. Samples, standards and blanks were then shipped to the Pioneer Laboratories facility in Richmond, BC.

After standard rock sample preparation, the 30 element Inductively Coupled Argon Plasma analysis was initiated by digesting a 0.5 gm sub-sample from each field specimen with 3ml 3-1-2 HC1-HNO3-H20 at 95 deg. C for one hour, followed by dilution to 10 ml with water. The Atomic Absorption measurement for ppb tolerance gold was preceded by subjecting 10 gram samples to standard fire-assay preconcentration techniques to produce silver beads which were subsequently dissolved.

F. Conclusions

Eleven out of the sixteen holes drilled this season were successful in intersecting the H-1 zone characterized by massive hematite, specularite, occasional chalcopyrite and minor quartz veining. These closely- spaced holes helped to guide the surface blasting program, where 34 tons of high grade ore averaging 68.65 g/t gold was extracted from the richest part of the H-1 structure.

Respectfully submitted,

D. Cremonese, P.Eng.
August 05, 2011

APPENDIX I - WORK COST STATEMENT

Field Personnel—Period July 26th to October 1st,2010:	
A. Mullin, Geologist	
26 days @$400/day	10,400
D. Cremonese, P.Eng. (Supervision)	
26 days @$500/day	13,000
Emile Roeder, Field Assistant	
6 days @$250/day	1,500
Zack Milward, Field Assistant	
3 days @ $250/day	750
Adam Milward, Field Assistant	
2 days @ $250/day	500
Food/accomodation for field personnel	
60 man-days @ $60/man-day	3,600
Helicopter Support - Prism Helicopters (Stewart Base)	
July 26th to October 1st, 2010	
Pad building, drill/crew/equipment/core mob	
MD500--73.7 hours @ $1,813.89/hr. (with fuel)	133,684
AS350 B2--10.4 hours @ $3,350.69/hr (with fuel)	34,847
Bell 205--0.9 hours @ $3,348.80/hr (with fuel)	3,014
Sikorsky-61--0.9 hours @$4,675.62/hr (with fuel)	4,208
Drilling Contract Costs (Morecore Diamond Drilling Ltd.)	
Meterage Charge: 1342.03m @ $75.46/m	101,269
Mob/Machine Field Cost/Labor Field Cost/Standby	73,683
Core boxes: 55 @ 12.60	693
Drill crew room and board @$80/day	8,480
Miscellaneous Costs--	
Field Supplies, Equipment rentals, Core Boxes, Core Cutting	26,006
Bulk Sampling Contract (Minconsult Exploration Services)	
Senior Blaster- 28 days @ $600/day	16,800
Assistant Blaster- 28 days @ $480/day	13,440
Lodging/meals for blasting crew- 29 days	7,100
Field Costs/Equipment/Truck/Consumables/Explosives	20,475
Assay costs—Pioneer Labs	
Au geochem + 30 elem. ICP + rock sample prep	
321 @ $26.82/sample	8,609
Report Costs	
Report and map preparation, compilation and research	

D. Cremonese, P.Eng., 2 days @ $500/day		1,000
Draughting/drill logs—Amanda Mullin		3,000
	TOTAL	**$486,058**

Amount Claimed Per Statement of Exploration #4831483	$ 9,150
Amount Claimed Per Statement of Exploration #4952517	$ 78,130
Amount Claimed Per Statement of Exploration #4963067	$ 6,750
Amount Claimed Per Statement of Exploration #4938447	$341,000
	$435,030

[Please adjust PAC account accordingly]

APPENDIX III - CERTIFICATE

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at 2130 Crescent Road, Victoria, BC.

2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).

3. I am a Professional Engineer in good standing registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.

4. I have practised my profession since 1979.

5. This report is based upon diamond drilling carried out on the Clone property during the 2010 field season. Reliance on field notes and drill logs prepared by Ms. Amanda Mullin is acknowledged.

6. I am a principal of Teuton Resources Corp. and Silver Grail Resources Ltd., owner of the Clone property. This report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 5th day of August, 2011.

D. Cremonese, P.Eng.

APPENDIX III

DIAMOND DRILLING LOGS

Teuton Resources Corporation

Drill Hole: CL-10-01			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 08/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 54.86m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m))***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	14.57	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289751	14.57	17.37	2.80	**31**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289752	17.37	18.75	1.37	**445**
			locally; 5-6% 2-4mm randomly oriented hematite stringers;	289753	18.75	19.81	1.07	**440**
			mod. limonite alteration along fracture planes; 4-5% qtz/	289754	19.81	20.91	1.10	**920**
			carb stkwk; pyr occurs as f.g disseminations and euhedral	289755	20.91	21.34	0.43	**1580**
			nodules associated with qtz/carb.	289756	21.34	21.67	0.34	**105100**
				289757	21.67	21.98	0.30	**120**
			5.79-7.62m: Fault zone; <5% fault gauge overall; v.strong	289758	21.98	22.46	0.49	**9050**
			limonite alt. along fractures; chloritic.	289759	22.46	22.83	0.37	**140**
				289760	22.83	23.47	0.64	**23750**
			7.62-14.57m: Strong 'splotchy' hematite overprint; 10-12% 1-	289761	23.47	25.91	2.44	**31**
			2mm deformed qtz stkwk veining.	289762	25.91	26.70	0.79	**260**
				289763	26.70	26.97	0.27	**580**
14.57	17.37	Andesitic	Dark green, chloritic andesitic pyroclastics; 0.5-3cm sub-	289764	26.97	27.31	0.34	**23100**
		Pyroclastics	rounded, weakly hematite-limonite altered, matrix	289766	27.31	27.98	0.67	**3940**
			supported clasts; weak malachite fracture fillings; a few	289767	27.98	28.96	0.98	**780**
			local, randomly oriented specularite veinlets <2%.					
17.37	54.86	Andesite	Med. grey-green andesite with varying intensities of					
			chlorite and hematite alteration; minor local pyroclastic					
			interbeds.					
			17.37-18.75m: Massive blood red hematite ~60%.					
			18.75-21.33m: Massive chloritic andesite, no hematite alt;					
			local malachite staining.					
			21.33-21.67m: Mineralized Zone: Massive blood-red hematite					
			and specularite, 4 small specs of visible gold; strong					
			malachite staining; vuggy character.					

Teuton Resources Corporation

Drill Hole: CL-10-01			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 08/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 180.0 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m))***	***To (m)***	***Width (m)***	***Au (ppb)***
			21.67-21.98m: Massive chloritic andesite; no visible					
			sulphides; weak local malachite stain.					
			18.93-22.46m: Semi-massive blood-red hematite-specularite;					
			strong malachite staining; 8 small specs of visible gold at					
			22.07m.					
			22.46-22.83m: Pale green chlorite altered andesite; mod.					
			hematite overprint; weak malachite; <2% cc pyr.					
			22.83-22.47m: Weak blood-red, wispy hematite; v. strong					
			chlorite+limonite+malachite; 4-5% coarse ~1cm pyr bands					
			at 63-67 deg tca.					
			23.47-26.7m: Pale green massive andesite; <1% dissem.					
			pyr; weak K-feldspar alteration associated with 6-7%					
			irregular qtz/carb stkwk veining.					
			26.7-26.97m: weakly silicified section; cc pyr increases to					
			~5%; 3mm vuggy pyr bands @ 45 deg tca.					
			26.97-27.31m: Semi-massive blood-red hematite-specularite					
			zone; v. vuggy.					
			27.31-33.22m: Pale grey-green massive chloritic andesite;					
			relatively unaltered; weak 1-2mm deformed qtz/carb stkwk.					
			33.22-44.20: Slightly brecciated; strong chlorite stringers;					
			vuggy; strong Fe ox. weathering; moderate					
			silicification.					

Teuton Resources Corporation

Drill Hole: CL-10-01			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 08/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 180.0 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m))***	***To (m)***	***Width (m)***	***Au (ppb)***
			44.20-54.86: Pale grey, weakly sericitic, massive to fine					
			grained andesite; <2% cc dissem. pyr.					
			54.86m EOH					

Teuton Resources Corporation

Drill Hole: CL-10-02			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 09/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -30	Depth: 62.48m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	62.48	Andesite.	Pale grey-green, aphanitic-fine grained choritic andesite	289768	10.67	13.72	3.05	**33**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289769	13.72	15.24	1.52	**430**
			locally; 5-6% 2-4mm randomly oriented hematite stringers;	289770	15.24	16.76	1.52	**75**
			mod. limonite alteration along fracture planes; 4-5% qtz/	289771	16.76	18.04	1.28	**26**
			carb stkwk; pyr occurs as f.g disseminations and euhedral	289772	18.04	18.75	0.70	**125**
			nodules associated with qtz/carb; minor local pyroclastic	289773	18.75	19.05	0.30	**225**
			interbeds.	289774	19.05	19.45	0.40	**240**
				289776	19.45	20.79	1.34	**890**
			6.10-8.53m: Fault zone; all broken rock; <5% fault gauge;	289777	20.79	22.40	1.62	**920**
			strong limonite along fractures; chloritic.	289778	22.40	22.86	0.46	**37050**
				289779	22.86	23.32	0.46	**3620**
			10.67-16.76m: V. strong chlorite alteration and 'splotchy'	289780	23.32	24.17	0.85	**1750**
			hematite overprint; ~10% 1-2mm deformed qtz stkwk	289781	24.17	25.82	1.65	**210**
			veining.	289782	25.82	27.43	1.62	**180**
			16.76-18.04m: Bleached rock, 7-9% qtz-hematite-specularite					
			stringers; v. vuggy.					
			18.75-19.05m: Massive blood-red hematite-specularite; 2 very					
			fine grained specs of visible gold; vuggy.					
			19.05-19.45m: Massive hematite; weak 1mm deformed qtz/					
			carb stkwk veining, 3 v.f.g specs of gold visible @ 19.08m,					
			19.35m, and 19.39m.					
			19.44-20.79m: Med. Green andesitic pyroclastics; heavily					
			chlorite altered; strong blood-red irregular hematite wisps;					
			subrounded, 1-3cm, silica-hem altered, matrix supported					
			volcanic clasts.					

Teuton Resources Corporation

Drill Hole: CL-10-02			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 09/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -30	Depth: 62.48m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			20.79-22.4m: Pale green, aphanitic to fine grained, chloritic					
			andesite; v. trace cc disseminated pyr.					
			22.4-22.86m: Mineralized Zone; brecciated; semi-massive					
			blood red hematite-specularite; v. vuggy texture; v. strong					
			malachite staining; intense Fe oxidative weathering; 2 f.g					
			specs of gold visible @ 74.2 m in pale pink-siliceous zone.					
			22.86m-23.32m: Mineralized Zone; as above with less massive					
			hematite; weak malachite fracture fillings; 6 v.f.g specs					
			of gold visible @ 23.2m within pink-siliceous zone.					
			23.32-24.17m: Mineralized Zone; semi-massive hematite with					
			6-7% 1-2mm qtz/carb stkwk veins giving the rock a					
			'crackled' texture; v.strong malachite staining and Fe ox.;					
			3-4% cc dissem. pyr; strongly chloritic; local vuggy					
			texture.					
			24.17-25.82m: Pale green, fine-grained, chloritic andesite;					
			local vuggyness; mod. limonite alt. along fracs; trace					
			fine grained nodular pyr blebs; weak irregular 1-2mm qtz/					
			carb stkwk.					
			25.82-26.49m: V. vuggy texture; strong Fe oxidation; weak					
			malachite fracture fillings.					
			26.49-27.43m: Massive-fine grained, chloritic andesite; weak					
			deformed 1mm qtz/carb stkwk; trace cc dissem. pyr.					

Teuton Resources Corporation

Drill Hole: CL-10-02			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 09/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -30	Depth: 62.48m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			35.97-36.88m: Fault zone; all broken rock; fault gauge					
			<5% locally.					
			40.23-42.06m: Brecciated- pyroclastic nature; v. vuggy					
			weak limonite; no visible sulphides.					
			59.44-62.48m: Propylitic epidote alteration; appears as					
			overprinting pods.					
			62.48m EOH					

Teuton Resources Corporation

Drill Hole: CL-10-03			Property: Clone Gold Pad: 6184095mN, 451736mE		Date: 10/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -35		Depth: 62.48m				
						Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***		***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	62.48	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite		289817	16.76	18.07	1.31	**54**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts		289818	18.07	19.20	1.13	**120**
			locally; 5-6% 2-4mm randomly oriented hematite stringers		289819	19.20	19.51	0.30	**38**
			and 'splotchy' pods; moderate fracture intensity overall;		289821	19.51	19.81	0.30	**10**
			locally brecciated and mottled textures; minor local		289822	19.81	20.63	0.82	**360**
			andesitic pyroclastic interbeds; weak 1mm-1cm qtz/carb		289823	20.63	23.41	2.77	**430**
			stkwk veining; <2% cc disseminated pyr.		289824	23.41	23.71	0.30	**88350**
					289825	23.71	25.05	1.34	**7020**
			7.32-8.84m: Brecciated textures; high fracture intensity.		289826	25.05	25.79	0.73	**7980**
					289827	25.79	26.82	1.04	**7480**
			15.54-16.15m: Volcaniclastics; 1mm-3cm rounded pale grey		289828	35.63	37.25	1.62	**37**
			clasts within darker green-red, hematite altered matrix;		289829	37.25	40.63	3.38	**8**
			clasts are matrix supported.		289831	40.63	41.39	0.76	**270**
					289832	41.39	44.07	2.68	**36**
			16.76-18.07m: Weak to mod. hematite-chlorite alteration;		289833	44.07	44.65	0.58	**38**
			weak qtz/carb stkwk; <2% dissem pyr; few local						
			specularite veins.						
			18.07-19.20m: Bleached andesite; pervasive chlorite;						
			brecciated texture; weak limonite fracture fillings; weak						
			malachite staining.						
			19.20-19.51m: Semi-massive hematite specularite; locally						
			siliceous giving rock a pinky colour; local strong vuggy						
			texture.						
			19.51-19.81 m: Mineralized Zone; massive hematite-						
			specularite; ~10 very fine grained gold flecks; weak qtz						
			crackle; weak malachite staining.						

Teuton Resources Corporation

Drill Hole: CL-10-03			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 10/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -35	Depth: 62.48m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			19.81-23.41 m: Fine grained grey andesite with 4-5% patchy					
			qtz-hematite pods; weak 1mm qtz/carb stkwk veining.					
			23.41-23.71 m: Semi-massive blood-red hematite-specularite;					
			2 v.f.g specs of gold visible @ 23.5 m.					
			23.71-25.05m: Mottled and vuggy texture; strong chl-hem-					
			lim-spec alteration zone; potential s-zone stringer?					
			25.05-25.79 m: Extreme chl-lim alteration; v. vuggy and					
			mottled as above; s-zone stringer?; 2-3% fine grained					
			blebby cpy.					
			25.79-35.63 m: Pale grey-green, aphanitic to fine grained					
			andesite; weakly chloritic; weak-mod qtz/carb stkwk					
			and 1mm-3mm stringers; <1% cc dissem pyr.					
			35.63-37.25m: Weak s-zone stringer; extreme Fe ox; local					
			vuggyness; 5-6% f.g nodular pyr; trace f.g cpy.					
			37.25-40.63 m: Mildly chloritic; slightly brecciated-					
			convoluted texture; weak limonite fracture fillings and					
			overprint.					
			40.63-41.39 m: Same as weak s-zone stringer above; trace					
			f.g cpy; mod. fracture intensity; v. vuggy; strong Fe ox					
			41.39-44.07 m: Pale grey-green aphanitic- fine grained					
			andesite; trace dissem pyr; locally brecciated; siliceous					
			6-7%.					

Teuton Resources Corporation

Drill Hole: CL-10-03			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 10/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -35	Depth: 62.48m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			44.07-44.65 m: 1-2cm vuggy qtz-carb stringer partially					
			rimmed by f.g nodular pyr.					
			44.65-62.48 m: Pale grey, fine-grained to aphanitic					
			andesite; weakly sericitic; mod. fracture intensity; weak					
			qtz/carb stkwk veining; minor local dissem pyr.					
			62.48 m EOH					

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Drill Hole: CL-10-04			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 11/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -40	Depth: 60.96 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	56.08	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289799	15.45	16.67	1.22	**36**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289801	16.67	17.47	0.79	**38**
			locally; 5-6% 2-4mm randomly oriented hematite stringers	289802	17.47	17.80	0.34	**2820**
			and 'splotchy' pods; moderate fracture intensity overall;	289803	17.80	18.90	1.10	**345**
			locally brecciated and mottled textures; mod. local	289804	18.90	20.27	1.37	**135**
			andesitic pyroclastic interbeds; weak 1mm-1cm qtz/carb	289805	20.27	22.89	2.62	**225**
			stkwk veining; <2% cc disseminated pyr.	289806	22.89	25.91	3.02	**320**
				289807	25.91	27.19	1.28	**410**
			15.45-17.47 m: Andesitic volcaniclastics; 1-3mm pale grey-	289808	27.19	27.49	0.30	**6480**
			green rounded clasts within darker green aphanitic	289809	27.49	27.80	0.30	**10860**
			matrix; weakly brecciated; local vuggyness; mod. Lim	289811	27.80	28.10	0.30	**22440**
			alt. along fracture planes.; pervasive chl; weak hematite	289812	28.10	28.71	0.61	**135**
			stringers.	289813	28.71	29.26	0.55	**95**
				289814	29.26	32.31	3.05	**160**
			17.47-17.80m: Semi-massive hem-spec-chl; mod. siliceous;	289815	32.31	35.27	2.96	**1310**
			rock appears pink.	289816	35.27	36.00	0.73	**48**
			17.80-20.27 m: Mottled andesitic volcaniclastics; weak qtz/					
			carb stkwk veining; 'splotchy' hematite; trace cc dissem.					
			pyr.					
			20.27-22.89 m: Fault zone; all broken rock; up to 5% fault					
			gauge locally; andesitic pyroclastics.					
			22.89-27.19 m: Fine grained crystal tuff; chl altered ~1mm					
			hornblend phenocrysts; non-crowded; weak hem alt.					
			27.19-27.49 m: Semi-massive hem; strong silicification;					
			pervasive chl; 1-2% f.g nodular pyr.					

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Drill Hole: CL-10-04			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 11/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -40	Depth: 60.96 m				
					Sample Interval			
From (m))	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m))***	***To (m)***	**Width (m)**	**Au (ppb)**
			27.49-27.80 m: Semi-massive hematite-specularite; v. vuggy;					
			strong malachite staining; 1 f.g gold spec visible at					
			90.36 m.					
			27.80-28.10 m: Semi-massive hematite; more siliceous than					
			previous section; rock appears pinky-red; v. vuggy;					
			local f.g pyr <2%.					
			28.10-28.74 m: Strong hem-chl stringers; <1% dissem cc pyr.					
			28.74-29.26 m: Siliceous; 1-2mm qtz/carb veins @ 80 deg tca;					
			v. vuggy; stong chl; no hem.					
			29.26-35.27 m: Pale grey-green aphanitic to fine-grained					
			andesite; pervasive chl; weak qtz/carb stkwk veining;					
			1-2% cc dissem pyr.					
			35.27-36.00 m: High fracture intensity; vuggy; strong					
			chl; weak lim + malachite; <1% fg pyr nodules.					
			36.00-44.196 m: Pale grey-green, chloritic, aphanitic					
			andesite; weak-mod 1,,-1cm qtz/carb stkwk veining @					
			60-70 deg tca; no hem.					
			44.196-46.6 m: Lighter, pale grey, weakly sericitic crystal					
			tuff; 5-7% non-crowded 1-2mm feldspar phenocrysts;					
			weak silicification.					
			46.6-59.59 m: Pale grey-green, weakly sericitie + chlorite					
			altered andesitic volcaniclastics/lithic tuff?; weak 2mm-					

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Drill Hole: CL-10-04			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 11/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -40	Depth: 60.96 m				
					Sample Interval			
From (m))	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m))***	***To (m)***	**Width (m)**	**Au (ppb)**
			1cm qtz/carb veins @ 60-70 deg tca.					
			52.43-53.64 m: Volcaniclastic breccia; pale grey-green					
			3mm-2.5cm andesitic, matrix supported clasts within					
			dark fine grained to aphanitic, black volcanic					
			sedimentary matrix.					
			53.64-54.86 m: Strong silicification.					
55.47	56.08	Felsic Ash	Strongly laminated. sericitically altered,					
		Crystal Tuff	pale grey felsic ash-crystal tuff; laminae @ 50 deg tca;					
			<1% fine grained pyrrhotite blebs.					
			56.08-59.59 m: Wavy-convoluted, tan-beige, sericite					
			altered crystal-ash tuff; densely contorted laminations.					
59.59	60.96	Siltstone/	Black siliceous siltstone-argillite; strong 1-2mm qtz/carb					
		Argillite	stkwk veining @ 51 deg tca; minor felsic ash tuff					
			interbeds.					
			60.96 m EOH					

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Drill Hole: CL-10-05			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 12/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -25	Depth: 60.96m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	60.96	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289783	10.06	11.89	1.83	**18**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289784	11.89	12.77	0.88	**110**
			locally; 5-6% 2-4mm randomly oriented hematite stringers	289785	12.77	13.72	0.94	**53**
			and 'splotchy' pods; moderate fracture intensity overall;	289786	13.72	15.42	1.71	**90**
			locally brecciated and mottled textures; mod. local	289787	15.42	16.43	1.01	**80**
			andesitic pyroclastic interbeds; mod. 1mm-1cm deformed	289788	16.43	17.62	1.19	**205**
			qtz/carb stkwk veining; <2% cc disseminated pyr.	289789	17.62	18.04	0.43	**210**
				289791	18.04	18.44	0.40	**80**
			10.06-11.89 m: strong hematite wisps and pod overprints;	289792	18.44	19.66	1.22	**320**
			v. strong limonite along fracture surfaces.	289793	19.66	20.27	0.61	**16500**
				289794	20.27	22.25	1.98	**95**
			fracture	289795	22.25	25.30	3.05	**49**
			fracture fillings; looks slightly volcaniclastic and mottled	289796	46.63	48.46	1.83	**160**
			but heavy alteration has masked primary textures; trace	289797	48.46	48.89	0.43	**11350**
			local pyr.	289798	48.89	49.68	0.79	**85**
			12.77-13.72 m: Strong pervasive chlorite; mod. wispy					
			hematite; <2% dissem. pyr.					
			13.72-15.42 m: V. strong hematite overprint; weakly					
			brecciated; minor fine grained pyr replacement of clasts;					
			50.4-50.6 m: Massive hematite-specularite					
			15.42-16.43 m: Strong chlorite alteration zone; <2% cc					
			dissem pyr.					
			16.43-17.62 m: Andesitic volcaniclastics; mod. qtz/carb					
			stkwk veining; mod. 'splotchy' hematite.					

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Drill Hole: CL-10-05			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 12/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -25	Depth: 60.96m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			17.62-18.04 m: Semi-massive hematite-specularite; trace f.g					
			nodular pyr; strong qtz+chl+lim stringers.					
			18.04-18.44 m: Strong chl-hem-spec-lim stringers; <2% cc					
			pyr.					
			18.44-19.66 m: Coarser grained- more granular; non-crowded					
			chlorite altered hornblend phenocrysts within a tan-green					
			fine grained-aphanitic matrix; mafic dyke?					
			19.66-20.27 m: Semi-massive limonite; extreme vuggyness;					
			4-5% cc pyr; s-zone stringer?					
			20.27-22.25 m: Vuggy; 2-3% f.g nodular and cc dissem pyr;					
			1-1.2cm qtz/carb stringer running parallel to core axis.					
			22.25-25.30 m: High fracture intensity; moderate lim alt.;					
			mottled-vuggy texture; siliceous; 2-3% cc dissem pyr.					
			25.30-46.63 m: Pale grey-green aphanitic to fine grained					
			andesite; mod. deformed 1mm qtz/carb stkwk veining;					
			locally vuggy; overall competant; <2% cc dissem. pyr.					
			46.63-48.46 m: Mod. fracture intensity; 1-2% fault gauge;					
			vuggyness associated with qtz/carb veining; intense Fe					
			oxidative weathering; cc pyr 1-2% overall.					
			48.46-48.89 m: Siliceous with semi-massive galena (~20%)					
			and cc pyr (~35%).					

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Drill Hole: CL-10-05			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 12/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -25	Depth: 60.96m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			48.89-60.96 m: Pale grey-green aphanitic to fine grained					
			andesite, relatively unaltered.					
			49.71- 54.92 m: High fracture intensity, 2-3% clay gauge.					
			54.92-60.96 m: weak propylitic epidote alteration halos.					
			60.96 m EOH					

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Drill Hole: CL-10-06			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 13/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -30	Depth: 60.96 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	44.80	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289834	16.76	19.81	3.05	**75**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289835	19.81	21.43	1.62	**245**
			locally; 5-6% 2-4mm randomly oriented hematite stringers	289836	21.43	22.46	1.04	**7480**
			and 'splotchy' pods; moderate fracture intensity overall;	289837	22.46	22.77	0.30	**188100**
			locally brecciated and mottled textures; mod. local	289838	22.77	23.16	0.40	**95**
			andesitic pyroclastic interbeds; mod. 1mm-1cm deformed	289839	23.16	23.87	0.70	**1135**
			qtz/carb stkwk veining; <2% cc disseminated pyr.	289841	23.87	24.17	0.30	**4080**
				289842	24.17	25.09	0.91	**140**
			14.66-16.76 m: High fracture intensity; slightly mottled	289843	25.09	27.43	2.35	**95**
			texture; strong lim-chl-hem-sil alteration zone; <1% fault	289844	27.43	28.65	1.22	**1180**
			gauge.	289845	28.65	30.33	1.68	**21**
				289846	30.33	30.75	0.43	**135**
			16.76-19.81 m: Rock appears brown-tan in colour and is	289847	30.75	32.16	1.40	**20**
			intensely altered by lim+chl, and to a lesser extent,	289848	32.16	34.93	2.77	**57**
			hematite; volcaniclastic nature.	289849	34.93	35.33	0.40	**210**
				289851	35.33	38.10	2.77	**39**
			19.81-21.43 m: Pale grey-green aphanitic to fine grained	289852	38.10	41.15	3.05	**160**
			andesite; weak hem-sil veining locally; 1-2% cc pyr	289853	41.15	44.20	3.05	**325**
			nodules associated with silica; v. strong lim. along frac	289854	44.20	47.24	3.05	**54**
			planes.	289855	56.24	56.54	0.30	**510**
			21.43-22.46 m: Strong blood-red hem wisps and pervasive					
			chl; highly siliceous with 1-2mm qtz crackle, giving rock					
			a pinky hue.					
			22.46-22.77 m: Semi-massive hematite-specularite; strong					
			silicification					
			22.77-23.16 m: Silicified; intense chl alt.; minor hematite alt.;					
			2-3% cc pyr.					

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Drill Hole: CL-10-06			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 13/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -30	Depth: 60.96 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			13.16-23.86 m: Highly fractured; extreme Fe oxidative					
			weathering; strong chl.					
			23.86-24.17 m: Semi-massive hematite; rock displays auto-					
			brecciated and vuggy textures; v. rusty and siliceous;					
			7-8% cc pyr.					
			24.17-27.43 m: Pale green, fine-grained to aphanitic, chlorite					
			altered andesite; no hematite alt.; weak qtz/carb stkwk					
			veining.					
			27.43-28.65 m: Slightly more siliceous than above section,					
			up to 15%; local vuggyness with 1-2% cc pyr associated					
			with silica.					
			28.65-30.33 m: Pale green, fine-grained to aphanitic, chlorite					
			altered andesite; no hematite alt.; weak qtz/carb stkwk					
			veining.					
			30.33-30.75 m: S-zone stringer?; Extreme Fe oxidative					
			weathering; v. vuggy; weak malachite staining; 1-2%					
			cc pyr.					
			30.75-32.16 m: V. strong sil-chl-lim stringers; weakly					
			brecciated aphanitic andesite; <1% cc pyr.					
			32.16-34.93 m: High fracture intensity; v. siliceous; weak					
			limonite alt.; 4-5% cc dissem. pyr.					

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Drill Hole: CL-10-06			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 13/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -30	Depth: 60.96 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			34.93-35.33 m: S-zone stringer; intense Fe ox; strong					
			pervasive chl; 5-6% cc pyr.					
			35.33-41.15 m: Med. green fine-grained to aphanitic, chl.					
			altered andesite; weakly brecciated; cc pyr 2-3%.					
			41.15-44.50 m: Pale grey, fine-grained to aphanitic, weakly					
			sericite altered andesite; few 1-2cm qtz+cc pyr+ galena					
			veins @85 deg tca; Massive cc pyr from 140.0-140.5 m.					
			44.50-44.81m: Massive sulphide section; 50-60% cc pyr and					
			15-20% cc galena.					
44.80	60.96	Andesitic	Pale grey, fine-grained to aphanitic ash-crystal tuff;					
		Ash-Crystal	moderately sericite altered; weakly chloritic; weak silicic					
		Tuff	healing of fractures.					
			48.77-56.24 m: Feldspar phyric crystal tuff; 5-6% 1mm					
			grey feldspar phenocrysts;					
			56.24-56.54 m: Highly siliceous semi-massive sulphide					
			zone composed of 40-45% cc pyr.					
			60.96 m EOH					

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Drill Hole: CL-10-07			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 14/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -35	Depth: 62.48 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	14.33	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289911	16.86	19.81	2.96	**1490**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289912	19.81	22.07	2.26	**205**
			locally; 5-6% 2-4mm randomly oriented hematite stringers	289913	22.07	22.62	0.55	**222750**
			and 'splotchy' pods; moderate fracture intensity overall;	289914	22.62	23.32	0.70	**7020**
			locally brecciated and mottled textures; mod. local	289915	23.32	23.62	0.30	**111375**
			andesitic pyroclastic interbeds; mod. 1mm-1cm deformed	289916	23.62	24.57	0.94	**5650**
			qtz/carb stkwk veining; <2% cc disseminated pyr, trace	289917	24.57	25.91	1.34	**19**
			local pyrrhotite; competant rock.					
14.33	24.57	Andesitic	0.5-2cm subrounded chlorite altered volcanic fragments					
		Pyroclastics	within darker red- hematite altered matrix; strong chl+hem					
			stringers; weak qtz/carb 1-5mm stkwk veining @45 deg					
			tca.					
			16.86-19.81 m: Strong chl-hem stringers; mod. silicification;					
			mottled lithic-volcaniclastic nature.					
			19.81-22.07 m: Coarse-grained darker grey-green, hem-chl					
			altered xstal tuff; uniformly crowded; possible dyke?					
			22.07-22.62 m: Semi-massive hematite-specularite minerallzed					
			zone; highly silicified; mottled texture.					
			22.62-23.32 m: Same as above zone but slightly less altered;					
			trace cc pyr; trace f.g pyrrhotite wisps.					
			23.32-23.62 m: Massive blood-red hematite-specularite zone;					
			strong silicification; weak malachite and limonite					
			staining along fracture planes.					

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Drill Hole: CL-10-07			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 14/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 205			Dip: -35	Depth: 62.48 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			23.62-24.57 m: Strong hem-chl stringers; wavy-convoluted					
			texture; 2-3% f.g pyr and 1-2% f.g blebby pyrrhotite.					
24.57	50.35	Andesite	Pale green-chloritic, aphanitic to fine grained andesite; no					
			hematite alt.; mod. 1-3mm qtz/carb stkwk veining.					
			29.41-30.02m: 2mm-2cm vuggy qtz/carb stringer partially					
			rimmed by cc pyr (2-3%); strong Fe ox .					
			44.23-50.35 m: Wavy-mottled texture; volcaniclastic-lithic					
			nature; chloritic.					
50.35	62.48	Andesitic	Pale grey, sericitically altered andesitic pyroclastics;					
		Pyroclastics	weakly chloritic; moderate silicic fracture healing; wavy-					
			convoluted texture locally					
			56.08-58.09 m: Feldspar phyric crystal tuff; 5-6% 1mm					
			pale grey feldspar phenocrysts.					
			62.48 m EOH					

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Drill Hole: CL-10-08			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 15/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -25	Depth: 67.06 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	22.80	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289982	16.46	19.51	3.05	**645**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289983	19.51	19.93	0.43	**2350**
			locally; 5-6% 2-4mm randomly oriented hematite stringers	289984	19.93	20.51	0.58	**3450**
			and 'splotchy' pods; moderate fracture intensity overall;	289985	20.51	21.85	1.34	**1640**
			locally brecciated and mottled textures; mod. local	289986	21.85	22.01	0.15	**155250**
			andesitic pyroclastic interbeds; mod. 1mm-1cm deformed	289987	22.01	22.80	0.79	**16500**
			qtz/carb stkwk veining; <2% cc disseminated pyr, trace	289988	22.80	25.60	2.80	**140**
			local pyrrhotite; competant rock.	289989	25.60	28.65	3.05	**120**
				289991	28.65	31.70	3.05	**32**
			19.51-19.93 m: Strong chl-hem-spec-limonite alteration zone;	289992	31.70	34.75	3.05	**235**
			mottled-vuggy texture; cc pyr <1%.	289993	34.75	37.80	3.05	**15**
				289994	37.80	40.84	3.05	**95**
			19.93-20.51 m: Semi-massive hematite-specularite; strong	289995	40.84	43.89	3.05	**90**
			silicification; 1-2% cc pyr.					
			20.51-21.85 m: All broken rock; pervasive chl; no hematite;					
			minor f.g nodular pyr 1-2%					
			21.85-22.00 m: Semi-massive hematite-specularite; highly					
			siliceous making rock appear pink in colour					
			22.00-22.80 m: Strong Fe ox; weak hematite alt.					
22.80	43.89	Andesitic	Pale green-chloritic andesitic pyroclastics; no hematite alt.;					
		Pyroclastics	highly fractured; 1-2% cc pyr; mod.-strong silicification					
43.89	67.06	Ash-Crystal	Pale grey-green, moderately chloritic, aphanitic to fine					
		Tuff	grained ash-crystal tuff; weak-mod 2mm-1cm qtz/carb					
			stkwk veining.					

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Drill Hole: CL-10-08			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 15/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -25	Depth: 67.06 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			220.0 m EOH					

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Drill Hole: CL-10-09			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 16/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -30	Depth: 67.06 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	65.44	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289856	12.98	15.73	2.74	**45**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289857	15.73	17.80	2.07	**95**
			locally; 5-6% 2-4mm randomly oriented hematite stringers	289858	17.80	18.11	0.30	**2020**
			and 'splotchy' pods; moderate fracture intensity overall;	289859	18.11	18.41	0.30	**840**
			locally brecciated and mottled textures; mod. local	289861	18.41	19.51	1.10	**460**
			andesitic pyroclastic interbeds; mod. 1mm-1cm deformed	289862	19.51	21.58	2.07	**285**
			qtz/carb stkwk veining; <2% cc disseminated pyr, trace	289863	21.58	22.25	0.67	**40500**
			local pyrrhotite; competant rock.	289864	22.25	22.65	0.40	**20940**
				289865	22.65	23.47	0.82	**1060**
			17.80-18.11 m: Semi-massive hematite; mod. 1-3mm qtz/carb	289866	30.42	33.53	3.11	**1450**
			stkwk veining;	289867	33.53	36.48	2.96	**310**
				289868	55.81	56.66	0.85	**3350**
			18.11-18.41 m: Mottled pyroclastics; weak silicification.	289869	56.66	59.44	2.77	**290**
			18.41-19.51 m: Strong qtz-chl stringers; wavy-convoluted					
			texture; weak hematite wisps and pod overprints.					
			19.51-21.58 m: Feldspar phyric dyke; sericite altered 1-2mm					
			crowded feldspar phenocrysts within dark grey aphanitic					
			matrix.					
			21.58-22.25 m: Mottled-convoluted-vuggy texture; strong					
			qtz-hem-ser irregular oriented stringers and veinlets; weak					
			limonite fracture fillings.					
			22.25-22.65 m: Highly siliceous; strong hematite 'splotchy'					
			halo overprint; mottled texture.					
			22.65-65.44 m: Pale grey-green aphanitic to fine grained,					
			chloritic andesite; weak-mod 1mm qtz/carb crackled					

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Drill Hole: CL-10-09			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 16/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -30	Depth: 67.06 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			stkwk veining; overall competant; no hematite alt.					
			23.20 m: 2 cm qtz vein @75 deg tca; weak K-spar alt.					
			28.90-36.48 m: High fracture intensity; fault gauge up to					
			10% locally; intense Fe ox; vuggy; 1-2% cc pyr blebs.					
			55.81-56.66 m: Convoluted texture; siliceous; cc pyr up to					
			10% locally; black fine grained volcanic sed. interbed; trace					
			blebby pyrrhotite.					
			56.66-59.44 m: Brecciated and highly fractured rock; strong					
			Fe ox + chl altered; 1-2% cc dissem pyr.					
65.44	67.06	Diabase dyke	1-3mm plag phenocrysts uniformly distributed within a					
			charcoal grey-black aphanitic volcanic sed. matrix.					
			67.06 m EOH					

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Drill Hole: CL-10-10			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 17/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -35	Depth: 73.15 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	1.52	Casing		289892	18.14	20.42	2.29	**680**
				289893	20.42	22.74	2.32	**540**
1.52	45.66	Andesite	Pale grey-green, aphanitic-fine grained choritic andesite	289894	22.74	23.10	0.37	**1220**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289895	23.10	23.77	0.67	**60**
			locally, intercalated with andesitic pyroclastics; 5-6% 2-	289896	29.57	32.61	3.05	**420**
			4mm randomly oriented hematite stringers and 'splotchy'	289897	32.61	35.66	3.05	**110**
			halo overprints; moderate fracture intensity overall;	289898	35.66	38.71	3.05	**135**
			locally brecciated and mottled textures; mod. 1mm	289899	38.71	40.33	1.62	**210**
			deformed qtz/carb stkwk veining; 3-5% 1-1.5 cm qtz/carb	289901	40.33	43.28	2.96	**46**
			veins oriented @ 75-80 deg tca; <2% cc disseminated pyr;	289902	43.28	45.66	2.38	**180**
			trace local pyrrhotite; rel. competant rock.	289903	45.66	47.98	2.32	**375**
				289904	57.91	58.37	0.46	**160**
			0.30-1.83 m: All broken rock; strong Fe ox.	289905	58.37	60.05	1.68	**145**
				289906	60.05	60.50	0.46	**38350**
			8.23-9.30 m: Rock appears slightly bleached with strongly	289907	60.50	61.23	0.73	**20100**
			pervasive hem-chl alt.; coarse grained andesite- 1-2mm	289908	61.23	61.54	0.30	**4260**
			uniformly distributed hbl phenocrysts- crystal tuff?	289909	61.54	63.09	1.55	**5980**
			17.01-17.74 m: Strong chl+hem stringers; increased qtz/carb					
			1-2mm crackled stkwk veining					
			17.74-18.14 m: Chloritic, aphanitic andesite; weak qtz/carb					
			stkwk; no hematit alt.					
			18.14-20.42 m: Highly silicified section with semi-massive					
			hematite locally; 1-2% cc nodular pyr; strong perv. chl;					
			strong limonite along fractures; weak local vuggyness;					
			slightly mottled texture.					
			20.42-22.74 m: Darker grey, coarser grained andesite; very					

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Drill Hole: CL-10-10			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 17/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -35	Depth: 73.15 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			weak hem alt.; crystals are crowded and sericite altered;					
			crystal tuff?; local strong silicification; weak Fe ox.					
			22.74-23.10 m: Strong chl-sil-lim alt. zone; weak hem. alt.					
			associated with qtz; weak malachite staining; vuggy-					
			mottled texture; 2-3% f.g pyr bands @ 51 deg tca; trace					
			wispy cpy.					
			23.10-32.61 m: Chloritic, fine-grained to aphanitic andesite;				?	
			minor blood red hematite wisps locally; mod. qtz/carb					
			1-5mm stkwk @50-80 deg tca; trace local pyrrhotite;					
			locally brecciated.					
			29.14 m: 2-3cm qtz-carb vein containing brecciated, chloritic					
			subangular 1mm-1cm clasts.					
			32.61-40.33 m: High fracture intensity; vuggy; weak					
			limonite alt.; 1-2% cc dissem pyr.					
			40.33-43.28 m: Pale green-chloritic andesite; no hem. alt.;					
			weak 1-2mm qtz-carb veinlets and stringers; trace					
			local pyrrhotite; f.g banded pyr <3% overall.					
			43.28-45.66 m: Highly fractured and vuggy andesitic					
			pyroclastics; strong propylitic chl-epidote alteration.; wavy-					
			contorted texture; 1mm-1cm rounded clasts locally					
			strained @ 80 deg tca.					
45.66	64.43	Crystal-Ash	Beginning of sericite alteration zone; pale grey, fine-					
		Tuff	grained to aphanitic crystal-ash tuff; siliceous; trace					

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Drill Hole: CL-10-10			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 17/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 190			Dip: -35	Depth: 73.15 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			local pyrrhotite; 3-4% f.g blebby pyr; local vuggyness.					
			45.66-57.91 m: <2% f.g pyr, <1% f.g blebby pyrrhotite;					
			weak qtz-carb crackled stkwk veining.					
			57.91-58.37 m: Sulphide zone; 10-15% cc and f.g nodular					
			pyr; pale grey, strong ser. alt. crystal tuff.					
			58.37-60.05 m: Strong limonite alt.; mod. vuggyness; cc					
			pyr <1%; trace pyrrhotite.					
			60.05-60.50 m: Massive sulphide zone; massive cc and					
			f.g pyr (40-45%); 1-2% galena; 1-2% arsenopyrite.					
			60.50-61.23 m: Pale grey-green crystal tuff; ser. alt.					
			crystals; 1-2% f.g pyr; 1-2% f.g pyrrhotite.					
			61.23-61.54 m: Pale grey-green crystal tuff; 10-15% cc					
			and f.g pyr.					
			61.54-64.43 m: Weakly brecciated, grey-green -chloritic					
			crystal tuff; silica content increases up to 10%.					
64.43	66.54	Diabase Dyke	1-3mm plag phenocrysts uniformly distributed within a					
			charcoal grey-black aphanitic volcanic sed. matrix.					
55.64	73.15	Ash Tuff	Chlorite-epidote altered ash tuff; weak 1-2mm qtz-carb					
			stkwk veining.					
			73.15 m EOH					

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Drill Hole: CL-10-11			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 18/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 175			Dip: -25	Depth: 91.44 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	0.61	Casing		289871	15.24	16.73	1.49	**32**
				289872	16.73	17.16	0.43	**3910**
0.61	44.14	Andesite	Dark grey-green, aphanitic-fine-grained choritic andesite	289873	17.16	19.20	2.04	**160**
			with up to 5% subhedral ~1-2mm hornblend phenocrysts	289874	19.20	19.51	0.30	**1760**
			locally, intercalated with andesitic pyroclastics; 5-6% 2-	289875	19.51	20.94	1.43	**295**
			4mm randomly oriented hematite stringers and 'splotchy'	289876	20.94	21.24	0.30	**1520**
			halo overprints; moderate fracture intensity overall;	289877	21.24	22.25	1.01	**50**
			locally brecciated and mottled textures; weak 1mm	289878	33.68	34.44	0.76	**320**
			deformed qtz/carb stkwk veining; 3-5% 1-1.5 cm qtz/carb	289879	34.44	34.90	0.46	**265**
			veins oriented @ 75 deg tca; <2% cc disseminated pyr;	289881	40.29	43.13	2.83	**460**
			trace local pyrrhotite; rel. competant rock.	289882	43.13	43.74	0.61	**445**
				289883	43.74	44.14	0.40	**4210**
			13.11-18.29 m: Mottled andesitic volcaniclastics; 3mm-1cm	289884	44.14	47.24	3.11	**280**
			dark green-chloritic subrounded andesitic clasts within	289885	47.24	49.01	1.77	**165**
			heavily hematite altered fine-grained matrix.	289886	49.01	52.18	3.17	**215**
				289887	52.18	53.80	1.62	**225**
			18.29-20.94 m: Pale green-chloritic, coarse-grained andesite;	289888	53.80	57.64	3.84	**380**
			4-5% chl altered 1-2mm hbl phenocrysts; xstal tuff?; weak	289889	57.64	58.25	0.61	**12650**
			qtz/carb stkwk.	289891	58.25	59.13	0.88	**7140**
			cc					
			pyr.					
			19.51-20.94 m: Vuggy; strong chl-lim alt.					
			20.94-21.24 m: Pinky-red, semi-massive hem-spec-qtz;					
			vuggy; <1% cc pyr.					
			21.24-33.68 m: Pale green-chloritic, aphanitic to fine-grained					
			andesite; mod. 1-5mm randomly oriented qtz/carb					

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Drill Hole: CL-10-11			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 18/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 175			Dip: -25	Depth: 300.0 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			veinlets and stringers; trace blood-red hematite wisps; cc					
			pyr <2% partially rimming qtz/carb veins; rel. competant.					
			33.68-34.44 m: Coarse grained andesite; xstal tuff?; sericite					
			altered 1-2mm phenocrysts; high fracture intensity;					
			strong limonite along fractures; <1% fg pyr.					
			34.44-34.90 m: As above with intense Fe ox and extreme					
			vuggyness; potential s-zone stringer?					
			34.90-44.14 m: Pale grey-green aphanitic to fine					
			grained andesite intercalated with pyroclastics/lithic tuff;					
			weakly chl + ser altered.					
			40.29-43.13 m: Highly fractured; vuggy; limonitic; 1-2%					
			cc pyr; mottled volcaniclastics.					
			43.13-43.74 m: Pale grey volcaniclastics; weakly sericitic.					
			43.74-44.14 m: Massive sulphide zone; 55-60% cc pyr; 7-					
			9% arsenopyrite; 7-9% galena.					
44.17	65.23	Crystal-Ash	Beginning of sericite alteration zone; pale grey, fine-					
		Tuff	grained to aphanitic crystal-ash tuff; siliceous; trace					
			local pyrrhotite; 3-4% f.g blebby pyr; local vuggyness.					
			47.24-49.01 m: Mottled-volcaniclastics; mod. limonite alt.;					
			minor blebby pyrrhotite blebs; 1-2% cc pyr; vuggy.					
			52.18-43.80 m: High fracture intensity; strong Fe ox.					

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Drill Hole: CL-10-11			Property: Clone Gold Pad: 6184095mN, 451736mE	Date: 18/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 175			Dip: -25	Depth: 300.0 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			53.801-57.64 m: Pale grey-green crystal tuff; mod. 1mm-					
			1cm qtz-carb stkwk veining @70-75 deg tca; trace					
			blebby pyrrhotite; cc pyr <2%.					
			57.64-58.25 m: Semi-massive sulphide section; high frac					
			intensity; fault gauge 2-3%; siliceous; 20-25% cc pyr;					
			1-3% arsenopyrite; 1-3% galena.					
			58.25-59.13 m: Darker grey-green-chloritic crystal tuff;					
			7-9% cc pyr; 1-3% arsenopyrite; <1% galena; highly					
			fractured; 1-2% fault gauge; strong Fe ox.					
			59.13-65.23 m: Silica increased up to 10-15%, occuring					
			as randomly oriented 1mm-4cm stringer and pods; weak					
			propylitic chl-epidote alt.; wavy-mottled texture; locally					
			brecciated.					
65.23	84.43	Diabase Dyke	Pale grey-green, fine-grained, unimodal mafic dyke;					
			visible texture of euhedral lath-shaped plagioclase and					
			dark green-black pyroxene crystal; upper contact faulted					
			out; cooked lower contact @47 deg tca.					
84.43	91.44	Ash-Crystal	Pale grey-sericite altered ash-crystal tuff; strong 1mm					
		Tuff	crackled qtz-carb stkwk veining; mod. chloritic fracture					
			healing; cc pyr <2%, blebby f.g pyrrhotite <1%.					
			91.44 m EOH					

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Drill Hole: CL-10-12			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 19/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 167.64 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.61	130.91	Andesitic	Dark grey-green-chloritic, aphanitic-fine-grained andesitic	289932	22.01	22.37	0.37	**60**
		Crystal-Lithic	crystal tuff with up to 5% subhedral ~1-2mm hornblend	289933	22.37	23.93	1.55	**21**
		Tuff	locally, intercalated with andesitic pyroclastics/lithic tuff;	289934	23.93	24.32	0.40	**8**
			5-6% randomly oriented hematite stringers and patchy	289935	24.32	24.78	0.46	**19**
			halo overprints; moderate fracture intensity overall;	289936	24.78	25.39	0.61	**160**
			locally brecciated and fragmented textures; weak 1mm	289937	25.39	27.43	2.04	**57**
			deformed qtz/carb stkwk veining; 3-5% 1-1.5 cm qtz/carb	289938	27.43	29.87	2.44	**27**
			veins oriented @ 70 deg tca; <2% cc disseminated pyr;	289939	29.87	32.92	3.05	**10**
			trace local pyrrhotite;	289941	32.92	35.97	3.05	**28**
				289942	35.97	36.88	0.91	**19**
			22.01-22.37 m: Massive qtz-chl-epidote vein; no associated	289943	36.88	39.99	3.11	**15**
			sulphides.	289944	126.86	127.35	0.49	**445**
				289945	143.32	145.39	2.07	**540**
			23.37-23.93 m: Medium grained andesitic crystal tuff; strong	289946	161.85	164.62	2.77	**58**
			silicification and pervasive hematite.					
			23.93-24.32 m: Mottled-fragmental; strong pervasive limonite					
			and chlorite alt.; weak patchy hematite; Rock appears					
			slightly bleached, pale grey-green-tan in colour.					
			24.32-24.78 m: Fine-grained andesitic crystal tuff; strong					
			pervasive hematite.					
			24.78-25.39 m: Mottled-fragmental; as above; <2% cc pyr.					
			25.39-29.87 m: Fine-grained andesitic crystal tuff; mod.					
			pervasive hematite.					
			29.87-39.99 m: Mottled fragmental; pale grey-green-tan;					
			slightly bleached; strong pervasive chl+lim, weak					

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Drill Hole: CL-10-12			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 19/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 167.64 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			patchy hem. alt,; highly fractured.					
			35.97-36.88 m: Darker green-chloritic crystal tuff; weak					
			hem. alt.; mod. 1mm-1.5cm epidote altered qtz-carb veins					
			at 60 deg tca.					
			39.99-61.57 m: Med. green, fine-grained andesitic ash-					
			crystal tuff; strong pervasive chl; strong hem stringers.					
			61.57-81.38 m: Med. green-chloritic, fine-grained to					
			aphanitic andesite; mod qtz-carb 1mm-1cm stkwk veining.					
			81.38-87.48 m: Mottled-fragmental/ lithic tuff; 1mm-3cm					
			pale grey-green subrounded clasts within darker green-					
			chloritic, fine-grained matrix.					
			87.48-99.06 m: Beginning of sericite alteration zone; pale					
			grey-sericite altered lithic tuff; moderately silicified; rel.					
			competant.					
			96.62-98.15 m: Volcanic bomb?; Black fine grained					
			volcanic sedimentary matrix; weak qtz sweats.					
			99.06-109.42 m: Pale green-chloritic, f.g to aphanitic crystal-					
			lithic tuff; mod. 1mm-5cm randomly oriented qtz-carb					
			veins; weak epidote alt. of xstals, fragments, and partially					
			rimming qtz-carb veins.					
			109.42-129.39 m: Pale grey-sericite alt. ash-crystal tuff;					
			silica content increases up to 10-15%; feathered qtz.					

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Drill Hole: CL-10-12			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 19/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 167.64 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			117.90-118.29 m: Massive qtz-chl vein; no associated					
			sulphides.					
			122.53-126.86 m: High fracture intensity; weak limonite					
			along fractures.					
			126.86-127.35 m: Mottled fragmental; vuggy; strong perv.					
			limonite; silicified; 1-2% f.g nodular pyr; trace f.g cpy.					
			129.39-130.91 m: Clast supported volcanic breccia; black					
			volcanic sedimentary matrix with crowded sericite alt.					
			subangular 1-3cm clasts; siliceous.					
130.91	131.67	Ash tuff-	Alternating bands of sericite altered intermediate ash					
		Argillite	tuff and black schistose argillite; densely laminated @					
			85 deg tca.					
131.67	134.05	Argillite	Black schistose argullite foliated @ 78 deg tca; v.					
			siliceous.					
134.05	164.62	Intermediate	Pale grey-sericite altered intermediate ash tuff; weak lim.					
		Ash Tuff	along fracture surfaces; highly siliceous.					
			134.05-138.38 m: Strongly laminated @ 70 deg tca.					
			138.38-143.32 m: More massive with weak local laminations					
			70 deg tca.					
			143.32-145.39 m: Convoluted texture; cc dissem pyr 3-4%;					
			strong qtz-carb randomly oriented stringers and sweats;					

Teuton Resources Corporation

Drill Hole: CL-10-12			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 19/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -25	Depth: 167.64 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			weak K-spar alt.					
			145.39-158.04 m: Convoluted texture; strong chl+ser					
			stringers.					
			158.04-161.85 m: Schistose argillite foliated @ 85 deg tca;					
			local parasitic folding; siliceous.					
			161.85-164.62 m: Convoluted texture, strong pervasive .					
			sericite alt.; strong silicification; 5-6% cc dissem pyr.					
164.62	167.64	Ash tuff-	Interbedded pale grey-sericite altered intermediate tuff					
		Argillite	(80%) and schistose argillite (20%); Laminae @ 19 deg					
			tca; highly fractured.					
			167.64 m EOH					

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Drill Hole: CL-10-13			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 20/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -15	Depth: 123.75 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	123.75	Andesitic	Dark grey-green-chloritic, aphanitic-fine-grained andesitic	289918	13.93	16.00	2.07	**43**
		Crystal-Lithic	crystal tuff with up to 5% subhedral ~1-2mm hornblend	289919	0.00	18.29	18.29	**90**
		Tuff	locally, intercalated with andesitic pyroclastics/lithic tuff;	289921	18.29	19.23	0.94	**58**
			5-6% randomly oriented hematite stringers and patchy	289922	19.23	19.60	0.37	**120**
			halo overprints; moderate fracture intensity overall;	289923	19.60	20.39	0.79	**62**
			locally brecciated and fragmented textures; weak 1mm	289924	20.39	21.21	0.82	**2820**
			deformed qtz/carb stkwk veining; 3-5% 1-1.5 cm qtz/carb	289925	21.21	23.13	1.92	**70**
			veins oriented @ 70 deg tca; <2% cc disseminated pyr;	289926	23.13	26.21	3.08	**26**
			trace local pyrrhotite;	289927	26.21	29.69	3.47	**61**
				289928	29.69	32.55	2.87	**24**
			13.93-16.00 m: Massive qtz-carb-epidote-chl vein; weak	289929	32.55	35.36	2.80	**205**
			patchy' hem.; weak cc pyr.	289931	35.36	38.10	2.74	**18**
				289996	77.63	80.77	3.14	**5**
			16.00-20.39 m: Strong pervasive chl; weak-mod hem.; 1-2%	289997	109.70	111.56	1.86	**9**
			cc dissem pyr.	289998	119.02	119.97	0.94	**1850**
			20.39-21.21 m: Mottled-fragmental; strong hem-chl-lim-sil					
			alteration zone; weak vuggyness; trace f.g pyr.					
			21.21-23.13 m: Mottled-fragmental; intense Fe ox; v. vuggy;					
			rock appears bleached; highly fractured.					
			23.13-26.21 m: Dark green-chloritic, f.g crystal tuff; strong					
			limonite along fracture surface; high fracture intensity					
			with up to 5% fault gauge locally; locally silicified.					
			26.21-29.69 m: Mottled-fragmental; appears pale grey-tan-					
			green in colour; intense Fe ox; high fracture intensity; 4-					
			5% cc pyr.					

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Drill Hole: CL-10-13			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 20/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -15	Depth: 123.75 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			29.69-32.55 m: Dark green-chloritic ash tuff; weak-mod.					
			hem; mod. 1mm-1.5cm qtz-carb stkwk veining @ 45 deg					
			tca.					
			32.55-38.10 m: Fault zone; all broken rock; 5-7% fault					
			gauge; bleached; vuggy and brecciated.					
			38.10-61.87 m: Med. green-chloritic andesitic ash-crystal					
			tuff; strong wispy hem stringers; mod. 1mm randomly					
			oriented qtz-carb veinlets and wisps.					
			45.11-46.02 m: Fault zone; all broken; strong chl.					
			46.02-74.98 m: Pale grey-green-chloritic ash tuff; mod. qtz					
			sweats; 2-3% cc pyr associated with silica.					
			74.98-88.70 m: Sericite altered lithic tuff; weak qtz/carb					
			1-2mm qtz-carb stkwk veining @ 40-45 deg tca; trace local					
			cc pyr.					
			88.70-123.75 m: Dark green-chloritic f.g to aphanitic ash-					
			crystal tuff; mod. qtz-carb stkwk veining @45 deg tca.;					
			weak local K-spar alt.					
			88.70-99.36 m: Weak 'patchy' epidote alt. overprint; v.					
			siliceous; weak K-spar alt.					
			109.70-111.56 m: 4-5% cc pyr associated with abundant					
			3-4cm silica pods and 1mm-1.5cm qtz-carb veins @ 40					
			deg tca.					

Teuton Resources Corporation

Drill Hole: CL-10-13			Property: Clone Gold Pad: 6184129mN, 451753mE	Date: 20/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 220			Dip: -15	Depth: 123.75 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			118.11-119.97 m: 10-15% cc pyr; extreme silicification; wavy-					
			convoluted texture.					
			120.70-121.31 m: Matrix supported qtz breccia; 1mm-2cm					
			subrounded pale grey-sericite alt. clasts within qtz					
			matrix; no visible sulphides.					
			123.75 m EOH					

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Drill Hole: CL-10-14			Property: Clone Gold Pad: 6184275mN, 451589mE	Date: 21/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 165			Dip: -20	Depth: 152.4 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
0.00	144.87	Andesitic	Dark grey-green-chloritic, fine-grained to aphanitic,	289947	7.38	7.74	0.37	**15**
		Ash-Crystal	andesitic ash-crystal tuff; 3-4% 1-2mm subhedral hbl	289948	7 74	10.67	2.93	**18**
		Tuff	phenocrysts; minor lithic-fragmental interbeds;	289949	10.67	11.98	1.31	**10**
			Abundant (7-9%) blood-red 1-3mm randomly oriented	289951	11.98	12.65	0.67	**17**
			hematite stringers and wisps; weak to mod. qtz-carb 1-	289952	20.12	22.04	1.92	**8**
			3mm deformed stkwk veining; relatively competant rock.	289953	22.04	24.38	2.35	**6**
				289954	24.38	25.91	1.52	**26**
			7.38-7.74 m: Semi-massive blood-red hematite; no visible	289955	25.91	28.96	3.05	**110**
			sulphides; weakly siliceous.	289956	28.96	30.82	1.86	**220**
				289957	30.82	32.16	1.34	**160**
			7.74-11.98 m: Med. grey-green, hem-chl altered xstal tuff;	289958	32.16	35.05	2.90	**11**
			weak qtz/carb feathered sweats and 1mm veinlets.	289959	35.05	37.03	1.98	**10**
				289961	37.03	39.47	2.44	**30**
			11.98-12.65 m: Mottled- fragmental; pale grey-green-tan	289962	39.47	41.85	2.38	**2**
			bleached rock; brecciated and highly fractured; intense	289963	41.85	44.71	2.87	**110**
			Fe ox.	289964	44.71	45.84	1.13	**32**
				289965	45.84	46.39	0.55	**145**
			12.65-20.12 m: Med. grey-green, hem-chl altered crystal-lithic	289966	46.39	46.97	0.58	**2230**
			tuff; siliceous; trace cc dissem pyr.	289967	46.97	49.41	2.44	**380**
				289968	49.41	49.71	0.30	**32**
			20.12-24.38 m: Mottled-fragmental; bleached rock; strong Fe	289969	49.71	52.55	2.83	**2**
			ox; highly fractured and brecciated with up to 5% fault	289971	52.55	53.34	0.79	**1**
			locally; strong hem-chl stringers; trace local specularite;	289972	53.34	55.17	1.83	**135**
			1-2% cc pyr.	289973	55.17	56.63	1.46	**80**
				289974	56.63	59.44	2.80	**230**
			24.38-32.16 m: Med. grey-green intermediate crystal-lithic	289975	59.44	60.26	0.82	**26**
			tuff; strong hem + chl stringers; 1mm-3cm subrounded	289976	60.26	62.58	2.32	**30**
			lithic fragments within heavily hematite altered f.g matrix.	289977	62.58	65.53	2.96	**2**
				289978	123.44	126.49	3.05	**1850**
			32.16-37.03 m: Pale green-tan fine-grained crystal tuff;	289979	126.49	128.53	2.04	**32750**

Teuton Resources Corporation

Drill Hole: CL-10-14			Property: Clone Gold Pad: 6184275mN, 451589mE	Date: 21/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 165			Dip: -20	Depth: 152.4 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			strong pervasive limonite; weakly siliceous; highly	289981	128.53	129.69	1.16	**2**
			fractured and brecciated with up to 5% fault gauge					
			locally.					
			37.03-41.85 m: Dark red, semi-massive hematite; weakly					
			siliceous; moderately fractured; <1% cc pyr.					
			41.85-44.71 m: Intense chl; heavily fractured; strong					
			limonite along fracture surfaces; locally brecciated and					
			silicified.					
			44.71-44.96 m: Strong s-zone type mineralization; extremely					
			vuggy; intense rusty limonite alteration; 10-15% f.g					
			pyritic 0.5-1cm bands; trace arsenopyrite?					
			44.96-45.84 m: Mottled- lithic tuff; strong limonite + chl;					
			high fracture intensity; fault gauge <2%; bleached; trace					
			cc dissem pyr.					
			45.84-46.39 m: Purple, siliceous, silicified zone; strong chl					
			stringers; weakly brecciated crystal-lithic tuff.					
			46.39-46.97 m: Med. green-chloritic lithic tuff; 1mm-3cm					
			rounded pale grey-green fragments within darker fine					
			grained andesitic matrix; strong silicic healing of fractures					
			and 'patchy' qtz pods; 7-9% cc pyr associated with silica.					
			46.97-53.34 m: Pale grey-green, f.g to aphanitic crystal-					
			ash tuff; weakly siliceous; competant; trace cc dissem					
			pyr.					

Teuton Resources Corporation

Drill Hole: CL-10-14			Property: Clone Gold Pad: 6184275mN, 451589mE	Date: 21/Sep/2010		Logged By: Amanda Mullin		
Azimuth: 165			Dip: -20	Depth: 152.4 m				
					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	***Width (m)***	***Au (ppb)***
			53.34-55.17 m: Brecciated crystal tuff; siliceous; weak					
			local hem; strong pervasive chl.; 5-6% cc pyr associated					
			with silica.					
			55.17-56.63 m: Highly fractured; intense Fe ox.					
			56.63-65.53 m: Strong hem-chl altered crystal-lithic tuff;					
			alternating between more chl altered sections and					
			darker purple-hematite altered sections; siliceous;					
			trace local specularite veinlets; trace cc dissem pyr.					
			65.53-99.06 m: Pale green-chloritic, fine-grained crystal-					
			ash tuff; weak hem stringers; weak-mod qtz-carb stkwk					
			veining; competant.					
			99.06-126.49 m: Beginning of sericite alteration zone;					
			pale grey-green sericite altered intermediate lithic tuff;					
			highly siliceous; strong limonite alt.; <1% cc dissem pyr.					
			126.49-128.53 m: 15-20% f.g nodular pyr;strong					
			silicification.					
			128.53-144.87 m: Pale grey, sericite altered ash-crystal tuff;					
			siliceous; minor cc dissem pyr; trace blebby pyrrhotite.					
144.87	152.40	Epiclastic	2mm-2.5cm pale grey-sericite altered subrounded clasts					
		Breccia	within black fine grained volcanic sedimentary matrix;					
			clasts are sheared at 45-50 deg tca; siliceous.					
			152.40 m EOH					

APPENDIX IV

ASSAY CERTIFICATES

PIONEER LAB ATORIES INC. #103-2691 VISCOUNT WAY RICHMOND BC CANADA V6V 2R5 TELEPHONE (6 231-8165

TEUTON RESOURCES CORP.

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, dilu to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia MIBK extracted, and is finished by AA or graphite furnace AA.

Analyst _____
Report No. 2102731
Date: September 28, 2010

Project:
Sample Type: Cores

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	Au* ppb
289400	38.7	.66	86	<5	28	22	.45	468	11	28	3156	8.61	.11	.44	1485	34	.03	9	.28	9019	.01	<2	<2	18	34	.01	<5	13	36020	2240
289410	.1	.39	<5	<5	88	<10	.17	<1	1	124	4	.93	.27	.10	367	4	.09	2	.03	11	.01	5	<2	4	<5	.06	<5	4	48	1
289420	39.1	.67	75	<5	25	18	.45	470	12	29	3187	8.66	.09	.45	1497	34	.03	8	.30	9070	.01	<2	<2	18	31	.01	<5	14	36070	2210
289430	.1	.41	4	<5	88	<10	.17	<1	1	131	4	.95	.31	.10	364	8	.10	5	.03	15	.01	<2	<2	5	<5	.06	<5	6	58	3
289440	39.9	.67	95	<5	29	18	.46	477	12	29	3221	8.76	.10	.45	1517	35	.03	7	.25	9155	.01	<2	<2	18	29	.01	<5	14	36360	2260
289450	.1	.40	<5	<5	94	<10	.18	<1	1	112	4	.96	.31	.11	371	6	.09	6	.02	13	.01	2	<2	5	5	.06	<5	6	54	1
289610	.1	.46	<5	<5	92	<10	.14	<1	1	136	3	.99	.30	.11	378	5	.11	3	.03	8	.01	<2	<2	5	<5	.06	<5	4	43	1
289620	39.6	.66	84	<5	31	15	.46	476	12	28	3195	8.65	.11	.45	1513	34	.03	7	.31	9172	.01	<2	<2	18	39	.01	<5	14	36210	2225
289630	.4	.38	<5	<5	87	<10	.18	<1	1	114	5	.90	.28	.10	363	6	.09	5	.04	10	.01	2	<2	5	8	.06	<5	4	49	1
289640	39.1	.67	79	<5	29	<10	.47	480	11	29	3235	8.75	.10	.45	1521	34	.03	7	.27	9223	.01	<2	<2	18	32	.01	<5	15	36470	2130
289644	1.6	.39	31	<5	98	<10	4.46	4	8	20	79	3.31	.19	1.21	2840	1	.03	6	.12	218	.01	6	<2	115	6	.01	<5	3	916	120
289645	.1	.33	44	<5	87	<10	4.85	<1	9	21	44	3.63	.16	1.36	2859	1	.04	8	.14	26	.01	8	<2	144	<5	.01	<5	2	90	21
289646	.1	.37	76	<5	165	<10	4.83	<1	15	29	59	4.20	.17	1.51	2719	1	.05	23	.20	43	.01	3	<2	175	7	.01	<5	8	198	31
289647	2.1	.41	188	<5	92	<10	5.28	2	16	28	136	4.38	.16	1.72	3035	2	.05	24	.26	51	.01	10	<2	169	<5	.01	<5	7	617	360
289648	.6	.54	93	<5	98	<10	5.60	<1	17	35	74	4.29	.17	1.89	2629	3	.04	38	.19	14	.01	6	<2	188	5	.01	<5	10	178	47
289649	.5	.41	44	<5	146	<10	4.88	<1	12	23	49	3.89	.16	1.29	2396	1	.04	11	.21	39	.01	9	<2	190	6	.01	<5	8	328	42
289650	.6	.44	<5	<5	98	<10	.24	<1	1	142	6	1.00	.32	.12	397	5	.09	3	.03	11	.01	2	<2	7	<5	.06	<5	6	52	1
289651	.7	.26	29	<5	91	<10	4.40	<1	9	16	48	3.85	.15	1.13	2589	1	.04	4	.19	76	.01	3	<2	143	9	.01	<5	2	175	75
289652	.5	.32	66	<5	113	<10	4.39	<1	10	19	54	3.69	.18	1.14	2623	1	.04	5	.26	44	.01	9	<2	151	<5	.01	<5	1	145	70
289653	.2	.40	47	<5	127	<10	4.26	<1	8	20	50	3.76	.20	1.10	2632	1	.04	4	.22	54	.01	9	<2	137	9	.01	<5	2	228	95
289654	.5	.60	79	<5	130	<10	4.27	<1	9	24	62	4.08	.21	1.28	3379	1	.04	2	.18	78	.01	10	<2	154	<5	.01	<5	4	238	160
289655	.1	.32	5	<5	97	<10	4.69	<1	11	20	13	3.83	.18	.74	1613	1	.04	4	.28	30	.01	<2	<2	205	<5	.01	<5	3	131	54
289656	.1	.35	39	<5	95	<10	3.86	<1	12	22	41	4.06	.20	.92	1499	1	.04	3	.27	17	.01	17	<2	140	8	.01	<5	4	118	70
289657	.2	.30	14	<5	88	<10	2.16	<1	10	21	27	3.95	.18	.53	1111	3	.04	4	.31	14	.01	10	<2	91	<5	.01	<5	2	146	29
289658	.7	.48	38	<5	78	<10	2.89	<1	11	19	46	4.34	.14	.98	2148	1	.04	17	.25	22	.01	<2	<2	116	<5	.01	<5	7	382	125
289659	1.3	.42	65	<5	88	<10	3.30	<1	12	26	53	4.89	.17	1.09	1761	2	.04	12	.30	150	.01	13	<2	122	10	.01	<5	3	466	510
289660	39.7	.66	76	<5	31	21	.46	484	13	29	3185	8.60	.11	.45	1514	34	.03	7	.33	9350	.01	<2	<2	18	30	.01	<5	17	36350	2240
289670	.1	.39	<5	<5	86	<10	.22	<1	1	112	4	.92	.22	.11	385	5	.08	4	.03	15	.01	2	<2	5	7	.06	<5	6	52	1
289680	40.0	.67	77	<5	30	21	.47	486	12	29	3247	8.65	.09	.46	1533	39	.03	7	.28	9410	.01	<2	<2	18	36	.01	<5	17	36540	2220
289690	.1	.41	<5	<5	94	<10	.17	<1	1	149	4	.95	.31	.10	372	5	.10	4	.01	9	.01	6	<2	5	<5	.06	<5	6	51	1
289700	40.2	.67	71	<5	25	20	.47	492	13	29	3256	8.75	.11	.46	1545	34	.03	7	.38	9112	.01	<2	<2	18	29	.01	<5	17	36880	2190
289710	.1	.41	5	<5	86	<10	.15	<1	1	110	5	.94	.27	.11	347	5	.09	3	.05	12	.01	2	<2	5	<5	.06	<5	7	50	1
289751	.2	1.87	29	<5	130	<10	.85	<1	43	11	432	3.67	.33	1.34	760	1	.03	4	.44	30	.01	3	<2	17	<5	.01	<5	43	112	31
289752	.2	1.83	60	<5	553	<10	1.74	<1	94	12	198	7.12	.34	1.36	1043	1	.03	9	.38	25	.01	2	<2	39	<5	.05	<5	90	127	445
289753	.1	1.68	18	<5	1525	<10	.91	5	20	15	223	3.58	.35	1.28	844	3	.03	3	.42	37	.01	<2	<2	36	<5	.01	<5	46	72	440

ELEMENT / SAMPLE	g ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	%	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	ı ppm	Au* ppb
289754	.3	1.73	23	<5	392	<10	1.75	5	21	17	800	3.40	.21	1.54	910	1	.03	4	.29	52	.01	3	<2	33	<5	.01	<5	53	71	920
289755	1.3	1.87	12	<5	377	<10	.53	3	38	22	1786	4.03	.22	1.61	999	2	.03	4	.38	43	.01	4	<2	17	<5	.03	<5	66	86	1580
289756	29.3	2.49	167	<5	76	17	1.17	<1	103	31	3525	11.98	.29	1.93	908	13	.03	10	.57	119	.01	10	<2	26	12	.06	<5	216	118	105100
289757	1.7	2.85	202	<5	109	<10	.59	<1	193	37	1537	8.98	.37	2.33	892	7	.03	18	.46	49	.01	13	<2	20	<5	.07	<5	125	154	120
289758	3.6	2.12	161	<5	80	<10	.64	<1	77	33	2429	11.80	.29	1.63	630	7	.03	8	.41	100	.01	11	<2	21	7	.08	<5	170	112	9050
289759	.9	3.77	110	<5	61	<10	2.85	1	83	46	482	8.03	.16	3.67	1372	3	.03	19	.42	64	.01	3	<2	51	<5	.08	<5	171	143	140
289760	11.1	3.71	312	<5	50	<10	1.00	27	85	55	**>10000**	11.15	.07	3.66	1305	113	.03	20	.38	109	.01	20	<2	24	10	.11	<5	206	116	23750
289761	.1	4.08	55	<5	32	<10	5.82	<1	26	49	120	7.25	.04	4.25	1742	1	.03	18	.42	52	.01	10	<2	104	<5	.11	<5	258	80	31
289762	.3	2.97	107	<5	66	<10	3.16	<1	62	35	245	5.97	.10	2.69	947	2	.04	15	.39	44	.01	2	<2	50	<5	.06	<5	171	91	260
289763	2.0	3.19	427	<5	57	<10	1.44	<1	282	27	1272	9.38	.23	2.92	956	12	.03	13	.44	50	.01	8	<2	19	<5	.03	<5	147	131	580
289764	10.5	3.35	122	<5	59	<10	3.01	<1	51	44	367	8.17	.14	3.00	1570	8	.03	14	.39	81	.01	19	<2	50	<5	.06	<5	211	122	23100
289765	.1	.35	<5	<5	79	<10	.15	<1	1	120	4	.91	.24	.10	345	3	.08	4	.05	5	.01	<2	<2	4	<5	.06	<5	5	45	5
289766	1.5	3.69	255	<5	91	<10	1.80	<1	92	19	454	8.60	.15	3.48	1415	2	.03	14	.49	58	.01	6	<2	33	<5	.06	<5	160	179	5940
289767	.4	3.85	52	<5	41	<10	6.28	<1	25	25	89	7.00	.08	3.87	1679	3	.04	12	.39	48	.01	12	<2	107	<5	.11	<5	235	62	780
289768	.1	1.40	6	<5	59	<10	3.71	<1	8	10	118	2.67	.25	1.14	683	1	.04	1	.38	15	.01	7	<2	53	<5	.03	<5	46	45	33
289769	.2	1.52	22	<5	92	<10	1.80	<1	15	11	148	2.98	.34	1.19	708	1	.04	2	.33	28	.01	5	<2	29	<5	.02	<5	41	89	430
289770	1.0	1.50	14	<5	180	<10	1.45	<1	53	10	115	3.08	.35	1.05	654	1	.03	3	.35	23	.01	<2	<2	25	<5	.01	<5	40	91	75
289771	.9	2.78	28	<5	127	<10	.76	<1	26	17	990	5.90	.30	1.98	1158	1	.03	9	.42	37	.01	4	<2	16	<5	.01	<5	85	89	26
289772	2.5	2.11	25	<5	63	<10	3.01	<1	33	20	3571	6.30	.25	1.42	1257	2	.04	15	.51	36	.01	12	<2	45	<5	.03	<5	157	87	125
289773	.8	1.69	86	<5	98	<10	1.96	<1	108	23	284	8.60	.42	1.11	1122	1	.03	12	.38	29	.01	13	<2	32	<5	.07	<5	124	134	225
289774	.4	1.64	19	<5	158	<10	2.02	<1	63	14	288	6.37	.30	1.28	1095	1	.03	4	.34	26	.01	6	<2	27	<5	.04	<5	95	99	240
289775	.1	.41	<5	<5	78	<10	.15	<1	1	120	5	.88	.24	.12	350	3	.09	3	.04	7	.01	3	<2	5	7	.05	<5	6	46	8
289776	2.4	1.77	34	<5	172	<10	.96	<1	20	14	1998	4.26	.28	1.50	794	1	.03	4	.31	30	.01	8	<2	20	<5	.02	<5	54	62	890
289777	1.5	1.72	47	<5	135	<10	.39	1	34	15	1910	3.74	.26	1.40	833	3	.03	5	.27	31	.01	10	<2	10	<5	.02	<5	46	68	920
289778	3.4	2.82	203	<5	79	<10	.62	<1	87	20	977	9.46	.29	2.28	951	6	.03	18	.46	54	.01	6	<2	26	6	.05	<5	113	149	37050
289779	5.3	3.96	281	<5	98	<10	.72	2	185	42	5154	10.83	.25	3.69	1419	9	.03	22	.47	96	.01	3	<2	18	<5	.08	<5	166	190	3620
289780	4.3	4.37	167	<5	53	21	1.93	10	79	54	7133	9.16	.08	4.32	1769	10	.03	23	.44	72	.01	16	<2	38	<5	.12	<5	229	143	1750
289781	1.1	3.52	112	<5	70	<10	5.45	1	39	49	284	7.78	.07	3.44	1720	4	.03	18	.46	54	.01	19	<2	93	<5	.09	<5	202	80	210
289782	2.0	3.69	132	<5	65	<10	4.09	<1	51	45	465	9.35	.08	3.39	1720	4	.03	17	.38	52	.01	8	<2	68	<5	.11	<5	223	97	180

PIONEER LAB TORIES INC. #103-2691 VISCOUNT WAY RICHMOI BC CANADA V6V 2R5 TELEPHO 604) 231-8165

TEUTON RESOURCES CORP.

GEOCHEMICAL ANALYSIS CERTIFICATE

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Project:
Sample Type: Cores

Analyst _____
Report No. 2102755
Date: October 19, 2010

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	Au ppb
289460	1.8	1.73	19	<5	97	<10	.95	<1	17	334	118	5.41	.19	.84	605	18	.17	248	1.08	50	.14	9	<2	54	<5	.14	<5	95	133	10950
289470	.1	.36	<5	<5	96	<10	.07	<1	2	101	6	.92	.20	.11	322	5	.09	4	.04	9	.01	<2	<2	4	5	.04	<5	7	45	5
289480	1.6	1.78	20	<5	99	<10	.98	<1	17	338	120	5.33	.19	.86	580	20	.18	270	1.10	54	.15	11	<2	55	<5	.14	<5	99	132	10800
289490	.1	.35	<5	<5	117	<10	.19	<1	1	97	6	.92	.24	.10	342	5	.09	4	.04	8	.01	<2	<2	5	<5	.05	<5	6	50	4
289783	.1	1.34	15	<5	186	12	2.36	<1	12	9	60	2.85	.31	.91	599	3	.05	3	.34	19	.01	7	<2	56	<5	.02	<5	47	51	18
289784	.5	1.44	118	<5	92	10	.46	<1	18	7	503	3.90	.32	.95	486	3	.04	4	.30	25	.55	11	<2	15	<5	.02	<5	62	76	110
289785	.1	1.32	57	<5	77	<10	1.90	<1	21	9	131	4.01	.35	.92	693	2	.06	5	.35	21	.22	11	<2	35	<5	.04	<5	63	83	53
289786	.7	1.09	34	<5	75	<10	1.04	<1	117	5	343	3.22	.34	.72	511	1	.05	3	.38	18	.02	3	<2	23	<5	.03	<5	45	120	90
289787	.3	1.63	84	<5	121	<10	.57	<1	177	6	97	3.66	.47	1.15	624	1	.04	4	.34	21	.04	<2	<2	16	<5	.03	<5	41	84	80
289788	.1	1.35	60	<5	80	<10	.98	<1	19	54	111	2.73	.16	.96	498	2	.08	22	.17	15	.09	<2	<2	37	<5	.07	<5	57	49	205
289789	.2	1.94	324	<5	107	11	.48	<1	260	14	319	7.69	.62	1.07	675	4	.04	23	.38	32	.26	4	<2	16	<5	.06	<5	121	149	210
289790	1.8	1.77	18	<5	96	<10	.99	<1	18	309	119	5.77	.20	.86	594	19	.18	244	1.16	48	.14	9	<2	55	<5	.14	<5	98	132	10900
289791	.8	3.69	168	<5	85	13	.36	2	195	22	358	11.40	.36	2.08	1374	5	.04	20	.34	56	1.74	13	<2	15	<5	.01	<5	173	231	80
289792	.5	1.89	66	<5	101	<10	.33	<1	19	11	823	4.36	.33	1.29	684	5	.05	4	.22	34	.36	10	<2	12	<5	.01	<5	47	63	320
289793	5.3	4.79	221	<5	63	31	.41	4	109	52	2137	13.58	.17	4.09	1619	13	.04	27	.39	145	1.25	<2	<2	17	<5	.01	<5	201	295	16500
289794	.5	3.66	32	<5	25	<10	3.56	2	29	57	136	7.98	.06	3.71	1613	2	.05	20	.31	62	.91	9	<2	85	<5	.01	<5	247	88	95
289795	.9	4.13	46	<5	33	11	.56	1	30	61	164	9.29	.05	3.93	1190	3	.04	18	.45	61	.47	2	<2	21	<5	.01	<5	270	82	49
289796	.5	2.74	1440	<5	67	<10	2.12	<1	101	24	327	7.82	.06	2.46	833	4	.05	11	.39	41	2.31	12	<2	44	<5	.08	<5	238	68	160
289797	6.9	1.57	48176	<5	17	12	4.14	2	5799	22	1758	18.70	.04	1.10	704	83	.05	63	.23	39	18.70	44	<2	81	13	.01	<5	83	46	11350
289798	.7	4.09	147	<5	28	<10	1.76	<1	31	20	299	10.16	.08	4.17	1167	2	.03	16	.49	53	2.79	5	<2	35	<5	.13	<5	299	78	85
289799	.1	1.25	43	<5	160	<10	2.19	<1	16	8	29	3.08	.34	.83	733	1	.05	4	.39	21	.01	9	<2	37	<5	.02	<5	42	248	36
289800	.1	.40	<5	<5	82	<10	.14	<1	1	84	8	.96	.30	.12	360	5	.10	3	.03	12	.01	3	<2	5	<5	.06	<5	7	37	5
289801	.2	1.55	69	<5	83	<10	1.40	<1	27	5	44	3.05	.39	1.20	682	2	.04	4	.45	23	.32	6	<2	32	<5	.01	<5	35	137	38
289802	.7	2.07	122	<5	66	12	1.72	2	137	20	159	9.02	.35	1.52	808	4	.05	8	.50	50	.62	12	<2	38	<5	.04	<5	120	150	2820
289803	.1	2.06	14	<5	48	<10	1.84	2	60	14	408	5.73	.22	1.88	940	3	.06	9	.55	53	.54	7	<2	41	<5	.06	<5	105	124	345
289804	.1	2.53	48	<5	61	<10	4.82	1	26	19	79	6.08	.25	2.44	1595	1	.05	11	.57	40	.02	3	<2	84	<5	.04	<5	118	75	135
289805	.9	2.77	23	<5	132	<10	.63	2	82	25	479	7.01	.20	2.07	1076	2	.04	8	.50	43	.17	5	<2	23	<5	.02	<5	123	126	225
289806	1.4	1.88	11	<5	71	<10	1.36	2	28	18	1776	4.91	.29	1.60	712	3	.03	7	.43	26	.04	9	<2	35	<5	.03	<5	77	54	320
289807	1.2	2.36	46	<5	80	<10	1.11	3	47	19	1385	6.98	.34	2.08	777	3	.04	10	.48	31	.05	8	<2	30	<5	.04	<5	111	69	410
289808	.7	3.08	102	<5	121	<10	3.00	5	123	44	401	9.72	.19	2.80	1527	5	.04	20	.53	48	.05	<2	<2	65	<5	.07	<5	177	435	6480
289809	4.0	2.52	305	<5	134	12	1.32	7	206	20	2246	11.93	.21	2.18	1043	9	.05	17	.47	112	.21	8	<2	33	<5	.07	<5	146	225	10860
289811	2.6	2.44	237	<5	57	18	6.46	6	484	29	708	9.62	.16	2.16	1220	7	.04	16	.42	62	.09	15	<2	100	<5	.07	<5	175	170	22440
289812	.3	1.78	57	<5	67	<10	1.31	1	29	20	923	4.72	.28	1.57	649	1	.04	8	.45	26	.04	6	<2	34	<5	.04	<5	73	51	135
289813	.2	3.21	125	<5	100	<10	4.10	11	223	34	491	7.42	.15	2.97	1546	4	.04	18	.54	59	.64	6	<2	74	<5	.03	<5	175	147	95
289814	.1	1.94	36	<5	49	<10	3.92	<1	13	32	94	4.23	.08	1.98	712	4	.06	10	.43	23	.56	<2	<2	73	<5	.03	<5	179	42	160

ELEMENT		Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl		Zn	Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
289815	.1	2.03	74	<5	29	<10	3.31	<1	47	33	237	4.85	.05	1.83	647	2	.05	8	.45	29	.84	3	<2	85	<5	.02	<5	183	48	1310
289816	1.5	3.62	98	<5	64	<10	.92	<1	43	24	498	10.82	.13	2.63	1206	3	.05	12	.62	51	.60	<2	<2	28	<5	.02	<5	232	59	48
289817	.1	1.75	19	<5	80	<10	1.33	<1	34	8	187	5.57	.31	1.43	863	2	.04	4	.46	25	.01	8	<2	24	<5	.01	<5	67	101	54
289818	1.7	1.96	43	<5	78	20	.61	<1	32	12	633	4.13	.26	1.41	856	1	.06	9	.60	28	.25	<2	<2	15	<5	.01	<5	79	75	120
289819	7.5	2.48	20	<5	260	28	.74	4	83	21	10260	7.04	.38	1.84	1016	1	.05	19	.76	32	.93	11	<2	23	<5	.01	8	162	136	38
289820	.1	.44	<5	<5	129	<10	.17	<1	3	79	.8	.95	.26	.17	354	3	.09	4	.03	6	.01	4	<2	4	<5	.06	<5	6	45	6
289821	.9	3.05	56	<5	58	<10	.69	1	307	24	892	12.52	.33	2.65	1542	4	.04	21	.67	50	.06	11	<2	22	<5	.06	<5	204	315	10
289822	.6	2.13	30	<5	191	<10	3.01	<1	251	18	490	6.42	.32	1.87	1467	3	.04	17	.54	29	.03	5	<2	65	<5	.06	<5	88	205	360
289823	.2	1.69	21	<5	134	<10	1.46	<1	32	22	551	4.46	.29	1.39	733	2	.04	4	.39	22	.02	5	<2	35	<5	.04	<5	67	65	430
289824	6.2	1.33	612	<5	61	<10	.79	2	109	36	444	8.69	.22	.96	611	11	.04	4	.29	59	.27	10	<2	20	<5	.04	<5	148	49	88350
289825	3.4	3.42	316	<5	36	<10	.67	5	83	37	713	13.58	.26	3.07	1306	6	.04	16	.59	87	8.34	12	<2	18	<5	.07	<5	176	114	7020
289826	12.7	4.07	137	<5	42	34	.50	4	97	53	12645	13.00	.18	3.74	1856	43	.04	17	.59	63	3.41	13	<2	13	<5	.09	<5	206	221	7980
289827	.1	3.32	88	<5	56	<10	5.56	2	42	48	313	7.70	.09	3.36	1633	12	.05	20	.67	52	1.60	16	<2	101	<5	.11	<5	217	126	7480
289828	.4	3.86	132	<5	55	<10	2.30	1	54	8	508	10.90	.21	3.23	1359	7	.04	13	.63	56	1.60	16	<2	42	<5	.07	<5	175	50	37
289829	.6	3.87	92	<5	32	<10	2.46	1	38	7	426	9.74	.18	3.25	1290	2	.04	8	.62	55	1.16	4	<2	47	<5	.02	<5	169	68	8
289830	1.7	1.71	20	<5	93	<10	1.18	<1	17	328	119	5.57	.19	.84	610	19	.17	262	1.16	41	.17	12	<2	55	<5	.14	<5	99	139	11480
289831	1.2	3.53	176	<5	53	<10	1.39	<1	51	11	548	9.54	.13	3.15	1288	1	.04	18	.57	58	.83	9	<2	31	<5	.02	<5	189	58	270
289832	.8	3.54	128	<5	56	<10	2.99	1	36	10	345	8.37	.12	3.23	1234	1	.05	9	.59	50	.96	<2	<2	47	<5	.02	<5	209	65	36
289833	.8	3.89	204	<5	30	<10	1.52	1	28	24	202	8.39	.11	3.47	1088	3	.04	13	.56	56	.52	13	<2	39	<5	.01	<5	213	76	38
289834	.1	1.95	30	<5	92	<10	.97	1	34	8	195	4.48	.32	1.34	812	1	.04	6	.41	68	.29	6	<2	22	<5	.01	<5	57	177	75
289835	.9	1.78	78	<5	83	<10	.39	<1	20	10	311	4.11	.26	1.38	681	2	.04	3	.30	30	.46	<2	<2	10	<5	.01	<5	51	66	245
289836	3.7	2.43	162	<5	64	<10	.86	<1	43	16	341	8.57	.21	1.40	805	10	.04	1	.26	34	3.11	9	<2	30	<5	.01	<5	108	77	7480
289837	19.0	1.27	274	<5	65	44	.59	<1	22	51	768	6.32	.28	.43	223	62	.04	5	.60	36	4.50	14	<2	63	35	.01	<5	120	37	2E+05
289838	1.3	1.76	141	<5	90	<10	.35	1	25	13	493	5.67	.17	1.24	526	3	.04	4	.39	32	1.45	5	<2	10	<5	.01	<5	73	82	95
289839	8.8	2.86	72	<5	64	<10	.66	2	51	23	4571	6.89	.23	2.30	956	4	.04	9	.56	42	.62	10	<2	17	<5	.01	<5	113	150	1135
289840	.4	.38	<5	<5	116	<10	.19	<1	2	82	.5	.93	.27	.13	346	2	.09	3	.02	13	.02	4	<2	4	<5	.06	<5	8	46	6
289841	6.3	3.76	144	<5	47	11	.47	4	144	51	4701	12.76	.20	2.96	1139	33	.04	31	.57	111	5.70	3	<2	13	<5	.01	<5	240	256	4080
289842	.1	3.66	69	<5	38	<10	4.87	2	37	54	158	7.45	.04	3.72	1733	3	.05	18	.48	47	.24	7	<2	88	<5	.05	<5	253	99	140
289843	.2	3.80	23	<5	43	<10	4.97	1	39	48	198	7.60	.05	4.14	1647	4	.05	14	.44	46	.20	3	<2	92	<5	.10	<5	272	76	95
289844	.1	3.44	53	<5	35	<10	6.06	1	43	49	208	7.51	.06	3.43	1409	2	.04	13	.37	42	.45	<2	<2	112	<5	.10	<5	258	66	1180
289845	.1	3.69	64	<5	25	<10	5.26	1	20	19	168	8.72	.05	3.22	1414	4	.05	12	.44	49	.96	18	<2	92	<5	.12	<5	239	67	21
289846	2.3	3.56	324	<5	44	<10	1.35	1	56	22	353	16.28	.06	3.03	1035	10	.05	18	.38	87	5.17	21	<2	40	<5	.11	<5	258	54	135
289847	.1	3.59	88	<5	49	<10	7.50	1	27	20	169	8.29	.05	3.28	1622	1	.05	8	.34	43	.57	17	<2	117	<5	.10	<5	242	61	20
289848	.7	4.12	97	<5	40	<10	5.64	<1	40	12	429	10.32	.16	3.52	1564	2	.04	9	.49	52	1.92	6	<2	90	<5	.08	<5	193	57	57
289849	3.0	3.28	235	<5	55	<10	.50	1	117	9	1286	15.96	.21	2.39	798	18	.04	22	.40	62	3.65	6	<2	13	<5	.09	<5	112	48	210
289850	1.8	1.74	18	<5	95	<10	1.20	<1	18	342	120	5.63	.19	.85	605	21	.18	268	1.10	42	.15	12	<2	56	<5	.14	<5	100	134	11200
289851	.4	3.72	57	<5	24	<10	3.77	1	36	9	477	9.10	.17	3.27	1288	5	.04	7	.38	50	2.13	20	<2	64	<5	.06	<5	161	63	39
289852	.1	2.53	77	<5	29	<10	5.05	<1	27	20	143	5.45	.14	2.18	1078	6	.05	11	.24	62	.82	8	<2	77	<5	.03	<5	129	101	160
289853	.2	3.27	663	<5	27	<10	3.86	1	69	14	303	8.45	.26	2.59	1313	11	.04	23	.41	44	2.95	15	<2	56	<5	.02	<5	146	120	325
289854	.1	3.83	852	<5	36	<10	5.10	<1	75	16	49	7.60	.11	3.72	1412	3	.04	19	.40	48	.73	8	<2	77	<5	.07	<5	203	116	54
289855	.7	2.93	1228	<5	12	<10	5.59	2	138	14	1679	13.87	.10	2.66	1117	6	.03	24	.32	44	12.62	14	<2	83	<5	.06	<5	140	35	510
289856	.1	1.12	22	<5	100	<10	2.13	1	13	10	494	2.61	.46	.71	520	1	.04	3	.43	14	.03	6	<2	32	<5	.04	<5	36	107	45
289857	.1	1.45	33	<5	108	<10	1.76	<1	24	11	89	2.86	.53	1.05	644	1	.04	4	.50	20	.01	11	<2	30	<5	.04	<5	44	168	95
289858	.2	2.12	82	<5	1508	<10	1.96	<1	200	29	103	7.79	.45	1.87	1087	2	.03	10	.46	36	.05	20	<2	65	<5	.10	<5	121	2020	

ELEMENT / SAMPLE		Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl		Zn	Au
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
289859	.3	2.42	75	<5	91	<10	1.62	<1	157	27	109	7.77	.48	2.17	1140	4	.03	16	.45	43	.01	13	<2	31	<5	.10	<5	110	152	840
289860	.1	.37	<5	<5	79	<10	.17	<1	2	102	6	.94	.27	.11	369	5	.08	2	.03	9	.01	<2	<2	4	<5	.06	<5	6	39	5
289861	.1	1.66	22	<5	352	<10	.91	<1	58	11	257	4.23	.43	1.27	816	2	.03	6	.33	26	.04	9	<2	27	<5	.05	<5	46	105	460
289862	.1	1.72	26	<5	114	<10	.52	<1	32	12	125	4.54	.37	1.28	710	1	.04	5	.22	32	.23	3	<2	12	<5	.07	<5	47	77	285
289863	3.0	.99	178	<5	128	10	1.30	<1	27	17	297	7.66	.43	.37	492	21	.03	2	.33	33	2.01	21	<2	27	7	.07	<5	102	33	40500
289864	1.2	2.09	137	<5	138	13	6.13	2	102	34	545	10.41	.17	1.82	1253	7	.03	20	.29	34	.09	13	<2	86	<5	.09	<5	159	108	20940
289865	.1	3.51	22	<5	35	<10	6.06	1	38	98	116	7.08	.09	3.97	1752	4	.04	25	.46	56	1.28	9	<2	111	<5	.13	<5	205	73	1060
289866	.8	4.03	120	<5	77	<10	2.32	<1	36	30	172	8.59	.11	4.13	1294	6	.04	16	.56	54	.06	10	<2	44	<5	.02	<5	227	70	1450
289867	1.6	3.56	198	<5	61	<10	.57	1	44	10	435	9.42	.22	2.99	1113	6	.03	13	.46	58	.78	4	<2	15	<5	.01	<5	131	80	310
289868	.5	3.30	3163	<5	11	<10	6.24	1	205	25	473	10.92	.06	3.59	1261	14	.04	24	.45	54	7.11	25	<2	96	<5	.07	<5	207	51	3350
289869	.2	3.12	61	<5	29	<10	4.15	<1	15	17	118	6.50	.06	3.16	1105	7	.05	9	.49	53	.65	<2	<2	68	<5	.11	<5	226	82	290
289870	1.6	1.75	21	<5	96	<10	1.13	<1	19	340	113	5.32	.20	.88	602	19	.16	270	1.16	44	.15	11	<2	51	<5	.15	<5	93	137	11250
289871	.1	1.84	22	<5	133	<10	1.07	<1	53	13	61	2.97	.62	1.35	664	1	.04	5	.32	27	.01	5	<2	21	<5	.03	<5	39	131	32
289872	1.4	.93	174	<5	105	12	.57	<1	166	8	111	8.15	.42	.41	326	5	.03	3	.16	18	.01	12	<2	16	<5	.05	<5	78	47	3910
289873	.1	1.46	82	<5	91	<10	2.43	<1	115	15	131	3.43	.37	1.09	926	3	.04	4	.28	23	.14	<2	<2	59	<5	.05	<5	40	78	160
289874	.1	1.73	38	<5	57	<10	1.77	<1	34	14	215	6.68	.32	1.31	921	2	.04	3	.19	30	.03	8	<2	43	<5	.10	<5	85	85	1760
289875	.1	1.81	46	<5	230	<10	1.34	<1	26	11	158	4.47	.26	1.48	967	2	.04	5	.31	28	.23	7	<2	24	<5	.07	<5	54	95	295
289876	1.5	3.56	131	<5	205	<10	1.64	2	42	24	1348	7.65	.19	3.48	1715	6	.04	10	.58	97	.56	12	<2	35	<5	.09	<5	158	238	1520
289877	.1	3.29	25	<5	38	<10	4.55	<1	30	34	155	6.42	.10	3.42	1761	1	.04	14	.57	51	.29	11	<2	78	<5	.13	<5	194	112	50
289878	.8	4.45	94	<5	65	<10	1.61	1	35	7	248	10.03	.21	4.04	1767	2	.03	8	.46	68	.07	10	<2	29	<5	.06	<5	173	94	320
289879	.7	4.07	193	<5	70	<10	1.06	2	54	29	207	10.10	.19	3.69	1494	7	.03	16	.41	65	.49	8	<2	26	<5	.02	<5	167	276	265
289880	.1	.43	<5	<5	110	<10	.19	<1	3	92	5	.95	.28	.17	390	1	.07	5	.04	9	.05	3	<2	5	<5	.06	<5	9	41	3
289881	.9	3.63	186	<5	40	<10	1.96	<1	42	21	210	8.98	.09	3.70	1323	3	.04	21	.39	48	2.26	12	<2	35	<5	.09	<5	268	76	460
289882	.6	4.20	93	<5	23	<10	.99	<1	39	20	191	9.29	.05	4.60	1106	3	.04	23	.42	61	2.20	16	<2	18	<5	.14	<5	287	61	445
289883	5.4	1.53	19776	<5	3	<10	.10	2	1401	14	3036	34.41	.01	1.14	271	32	.03	61	.10	78	41.09	21	<2	2	<5	.01	<5	55	29	4210
289884	.1	3.68	1138	<5	17	<10	3.39	<1	63	37	306	8.64	.05	4.00	1087	5	.04	20	.42	47	2.49	10	<2	59	<5	.10	<5	255	66	280
289885	.3	3.17	129	<5	36	<10	.97	<1	46	10	512	9.97	.06	3.24	870	3	.04	9	.51	44	4.14	8	<2	20	<5	.12	<5	230	63	165
289886	.2	3.56	48	<5	35	<10	1.41	1	38	18	306	9.22	.04	3.62	1044	5	.05	15	.53	52	2.42	14	<2	37	<5	.11	<5	242	67	215
289887	.5	3.56	67	<5	128	<10	.81	<1	23	15	133	7.47	.05	3.82	1143	3	.05	12	.59	57	.18	3	<2	24	<5	.02	<5	230	101	225
289888	.1	3.71	78	<5	24	<10	3.71	<1	32	37	116	7.85	.05	4.14	1397	6	.05	24	.38	51	1.18	11	<2	80	<5	.06	<5	265	71	380
289889	9.8	2.74	8672	<5	41	<10	3.05	<1	938	35	1297	17.05	.06	2.32	899	30	.04	34	.31	88	15.17	28	<2	57	<5	.01	<5	156	77	12650
289890	1.7	1.73	16	<5	95	<10	1.12	<1	18	372	113	5.26	.20	.87	608	19	.15	280	1.11	50	.16	10	<2	50	<5	.14	<5	93	132	11500
289891	7.6	2.95	7570	<5	42	14	1.02	<1	795	23	558	12.76	.09	2.74	882	18	.65	20	.34	55	8.38	19	<2	47	<5	.01	<5	214	59	7140
289892	.3	1.74	81	<5	163	<10	1.75	1	95	18	129	5.47	.35	1.44	1245	3	.04	8	.33	42	.46	11	<2	38	<5	.08	<5	72	165	680
289893	.1	1.37	91	<5	70	<10	1.34	<1	60	12	504	4.39	.33	1.06	771	2	.04	4	.25	20	.04	11	<2	27	<5	.07	<5	66	72	540
289894	3.8	2.01	69	<5	62	<10	.54	2	65	19	1280	6.43	.26	1.84	933	5	.04	10	.38	30	3.13	25	<2	12	<5	.09	<5	86	138	1220
289895	.1	3.42	14	<5	207	<10	5.43	1	32	40	358	6.75	.16	4.06	1789	2	.04	18	.41	43	1.43	7	<2	85	<5	.15	<5	223	75	60
289896	.1	2.95	110	<5	44	<10	4.28	1	26	27	374	6.68	.07	2.84	1104	2	.04	13	.45	42	.60	13	<2	75	<5	.03	<5	209	55	420
289897	1.6	4.21	141	<5	81	<10	.66	<1	41	39	346	10.74	.12	3.71	1132	5	.03	18	.50	57	.40	9	<2	20	<5	.01	<5	221	75	110
289898	1.0	3.92	137	<5	125	<10	.76	<1	42	7	395	9.34	.17	3.62	1248	1	.03	11	.54	59	.17	12	<2	21	<5	.01	<5	190	64	135
289899	.6	3.99	103	<5	67	<10	1.61	<1	41	11	389	9.31	.21	3.70	1297	5	.03	12	.47	56	.35	8	<2	30	<5	.01	<5	180	95	210
289900	.1	.34	<5	<5	126	<10	.19	<1	2	83	5	.81	.25	.13	346	4	.07	3	.04	9	.01	2	<2	4	<5	.06	<5	7	41	5
289901	.1	2.11	17	<5	34	<10	5.85	<1	21	16	40	3.92	.15	1.48	1048	3	.04	7	.25	22	.02	3	<2	108	<5	.01	<5	88	210	46

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	W ppm	Zn ppm	Au ppb
289902	.5	2.46	151	<5	75	<10	1.34	2	40	15	251	6.58	.39	1.46	1030	5	.03	18	.38	38	.52	13	<2	25	<5	.01	<5	83	245	180
289903	.5	1.96	928	<5	43	<10	2.50	2	115	10	469	6.67	.38	1.28	813	15	.03	21	.27	42	3.63	7	<2	46	<5	.01	<5	84	219	375
289904	.1	2.95	4280	<5	14	<10	5.16	<1	203	11	868	10.88	.10	2.85	1000	5	.04	16	.32	46	8.04	21	<2	81	<5	.04	<5	168	33	160
289905	.1	2.67	165	<5	100	<10	3.77	<1	20	13	301	6.08	.13	2.61	994	5	.05	11	.41	42	1.23	14	<2	66	<5	.06	<5	178	46	145
289906	8.1	3.09	36834	<5	10	18	.48	3	4165	15	2603	24.23	.06	2.71	691	49	.03	47	.44	105	25.08	41	<2	12	<5	.01	<5	136	98	38350
289907	3.0	3.59	4534	<5	32	<10	2.39	<1	126	18	494	9.43	.14	3.23	968	72	.04	10	.52	51	3.67	18	<2	48	<5	.01	<5	185	56	20100
289908	1.9	3.40	4235	<5	12	<10	1.39	<1	440	19	689	11.48	.09	3.12	916	70	.04	15	.39	60	6.69	9	<2	26	<5	.01	<5	197	61	4260
289909	.8	3.34	1093	<5	19	<10	4.38	<1	83	18	264	7.80	.14	3.15	1234	35	.04	11	.40	53	2.25	14	<2	72	<5	.05	<5	185	70	5980
289910	1.6	1.74	21	<5	101	<10	1.16	<1	17	348	125	5.45	.19	.90	612	19	.15	269	1.15	40	.16	13	<2	56	<5	.15	<5	104	138	11400
289911	.1	2.30	12	<5	149	<10	3.39	<1	37	17	138	6.06	.29	2.42	1441	1	.04	12	.31	34	.01	8	<2	67	<5	.08	<5	116	129	1490
289912	.4	1.31	16	<5	78	<10	2.33	<1	16	11	368	3.69	.33	1.07	926	3	.03	3	.19	18	.02	14	<2	48	<5	.06	<5	61	57	205
289913	7.2	.70	95	<5	87	51	.55	<1	9	7	919	12.47	.38	.22	174	34	.03	2	.28	38	.01	26	<2	18	<5	.02	<5	191	15	2E+05
289914	.1	1.21	43	<5	86	<10	.98	<1	49	11	914	5.30	.41	.76	539	6	.03	6	.27	15	.01	7	<2	24	<5	.05	<5	101	67	7020
289915	4.6	.99	70	<5	40	<10	1.57	<1	35	24	1257	11.70	.19	.71	454	5	.03	3	.17	24	.16	13	<2	26	<5	.05	<5	243	36	1E+05
289916	4.9	2.19	132	<5	63	<10	1.90	4	73	20	7620	7.16	.38	1.84	987	7	.08	11	.42	31	.34	15	<2	35	<5	.07	10	124	173	5650
289917	.2	3.23	16	<5	31	<10	4.11	1	25	11	476	6.34	.14	3.33	1451	3	.04	10	.41	37	.11	15	<2	74	<5	.02	<5	168	104	19
289920	.1	.38	<5	<5	116	<10	.20	<1	2	91	5	.88	.27	.14	367	4	.08	3	.03	9	.01	4	<2	4	<5	.06	<5	9	45	6
289930	1.6	1.65	18	<5	98	<10	1.19	<1	17	322	122	5.11	.18	.86	595	20	.15	252	1.16	40	.14	14	<2	54	<5	.14	12	99	134	11250
289940	.1	.31	<5	<5	116	<10	.15	<1	3	69	4	.80	.23	.13	349	4	.06	4	.03	9	.01	3	<2	6	<5	.06	<5	7	44	3
289950	1.7	1.74	20	<5	98	<10	1.19	<1	16	134	120	5.19	.18	.86	610	19	.15	248	1.10	48	.17	12	<2	54	<5	.14	<5	99	134	11370

PIONEER LABO ORIES INC. #103-2691 VISCOUNT WAY RICHMOND, BC ANADA V6V 2R5 TELEPHONE) 231-8165

TEUTON RESOURCES CORP.

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Project:
Sample Type: Cores/Rocks

Analyst _____
Report No.2102759
Date: October 19, 2010

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
286401	.7	1.66	110	<5	190	<10	.43	<1	16	20	101	4.41	.15	1.56	735	3	.05	11	.37	36	.57	11	<2	28	<5	.01	<5	68	66	52
286402	.3	3.44	55	<5	96	<10	1.82	<1	27	53	43	8.25	.13	4.28	1733	2	.04	25	.47	46	.61	8	<2	40	<5	.08	<5	206	119	20
286403	.2	1.57	43	<5	80	<10	3.39	<1	12	28	45	5.43	.17	1.87	1053	1	.04	13	.40	22	.01	10	<2	58	<5	.11	<5	132	53	80
286404	.2	1.34	42	<5	198	<10	3.21	<1	11	24	61	4.60	.18	1.45	918	1	.04	14	.35	19	.01	6	<2	53	<5	.10	<5	104	50	23
286405	.2	1.15	12	8	591	<10	1.52	<1	6	9	20	1.81	.57	.71	438	1	.04	2	.34	16	.01	5	<2	52	<5	.07	<5	34	72	6
286406	.3	1.16	24	6	194	<10	1.93	<1	8	11	19	2.80	.43	.86	526	2	.05	3	.39	20	.01	7	<2	48	<5	.07	<5	45	42	4
286407	.2	1.00	<5	6	166	13	.90	<1	9	9	21	1.46	.58	.42	275	1	.04	3	.31	24	.19	5	<2	27	<5	.07	<5	26	147	19
286408	.3	1.23	<5	<5	253	<10	2.61	<1	13	7	16	2.71	.32	1.05	749	2	.05	4	.33	21	.03	6	<2	66	<5	.08	<5	44	60	15
286409	.2	1.09	33	<5	150	<10	2.22	<1	8	13	105	2.72	.34	.87	624	1	.05	3	.36	20	.01	5	<2	50	<5	.07	<5	49	86	160
286410	1.7	1.72	19	<5	105	<10	1.08	<1	17	365	117	5.20	.19	.86	592	18	.14	278	1.26	50	.16	14	<2	54	<5	.15	<5	94	126	11050
286411	.3	1.37	<5	<5	123	<10	2.08	<1	8	9	43	3.04	.27	1.33	687	1	.06	4	.36	17	.79	9	<2	66	<5	.09	<5	47	40	13
286412	.5	1.42	35	<5	281	<10	1.58	<1	7	6	50	3.12	.28	1.36	615	2	.05	3	.35	23	.92	11	<2	42	<5	.06	<5	45	39	80
286413	1.4	1.69	48	<5	169	<10	.59	<1	8	7	55	3.86	.26	1.51	535	2	.06	2	.41	29	.07	12	<2	28	<5	.07	<5	48	40	120
286414	.3	1.92	41	<5	162	<10	.94	<1	7	9	182	3.21	.34	1.81	715	1	.06	3	.36	28	.06	3	<2	25	<5	.07	<5	45	49	7
286415	.7	1.62	101	<5	172	<10	.50	2	71	8	140	3.80	.43	1.31	542	4	.05	4	.37	47	1.26	5	<2	17	<5	.05	<5	37	50	340
286416	3.4	1.16	288	7	120	71	.32	<1	88	12	139	16.18	.48	.44	253	9	.03	2	.20	28	2.11	14	<2	18	25	.06	<5	186	21	20520
286417	.2	1.87	111	8	185	<10	.50	<1	196	7	38	3.97	.52	1.43	522	1	.05	4	.26	60	.86	10	<2	19	<5	.05	<5	34	108	120
286418	.3	1.49	47	<5	87	<10	2.72	<1	23	15	364	3.57	.25	1.42	568	2	.06	5	.27	26	.99	5	<2	62	<5	.05	<5	57	63	23
286419	.5	1.44	43	<5	92	<10	.48	<1	124	6	39	3.47	.38	1.14	500	3	.04	158	.29	26	.79	8	<2	16	<5	.02	<5	33	118	305
286420	.2	.36	<5	<5	142	<10	.15	<1	2	94	3	.90	.30	.12	363	5	.09	3	.05	16	.02	<2	<2	5	<5	.06	<5	5	48	5
286421	.3	1.14	144	<5	102	<10	.28	<1	112	16	137	4.23	.38	.67	340	3	.05	2	.30	18	1.22	8	<2	13	<5	.01	<5	44	120	360
286422	.8	1.24	230	<5	84	<10	.25	<1	281	22	207	5.37	.46	.76	270	3	.03	3	.31	21	.93	9	<2	12	<5	.02	<5	69	132	70
286423	.3	1.51	15	<5	80	<10	1.47	<1	66	10	129	2.80	.42	1.31	536	1	.05	2	.44	16	.55	6	<2	36	<5	.03	<5	44	60	43
286424	.3	2.16	64	<5	142	<10	1.70	<1	17	54	28	4.09	.12	2.50	970	1	.06	17	.54	31	.01	2	<2	38	<5	.01	<5	123	60	60
286425	.2	1.79	<5	<5	46	<10	4.06	<1	14	41	66	4.01	.17	2.15	1074	1	.06	15	.48	25	.01	8	<2	61	<5	.05	<5	120	58	95
286426	.3	2.38	50	<5	114	<10	1.51	<1	21	34	62	5.05	.16	2.57	1124	1	.05	16	.61	36	1.35	5	<2	77	<5	.03	<5	109	86	18
286427	.2	1.66	<5	<5	55	<10	4.45	<1	13	33	101	4.04	.15	1.87	1165	2	.05	13	.53	19	.01	6	<2	81	<5	.07	<5	98	101	2
286428	.3	1.41	16	<5	578	<10	.66	<1	9	8	22	2.74	.30	1.28	540	1	.05	2	.43	20	.05	10	<2	42	<5	.06	<5	38	37	240
286429	.2	1.44	12	<5	163	<10	1.95	<1	8	5	18	2.77	.38	1.25	612	1	.05	3	.39	22	.01	8	<2	41	<5	.08	<5	41	45	2
286430	1.9	1.67	20	<5	100	<10	1.06	<1	16	388	113	5.21	.20	.83	590	18	.14	282	1.19	48	.16	16	<2	53	<5	.11	<5	93	131	11850
286431	.3	1.26	56	<5	348	<10	2.99	<1	10	13	25	2.94	.35	.99	695	1	.05	4	.32	19	.04	15	<2	52	<5	.06	<5	40	80	685
286432	.2	1.16	15	<5	116	<10	2.81	<1	12	32	15	3.24	.39	.96	569	3	.04	2	.25	16	.01	2	<2	50	<5	.06	<5	42	95	50
286433	.3	1.24	10	5	121	11	1.98	<1	6	5	7	2.88	.35	1.03	533	1	.04	3	.40	26	.01	7	<2	43	<5	.06	<5	38	43	35
286434	.3	1.44	<5	7	117	<10	1.83	<1	7	6	19	2.91	.41	1.26	539	1	.04	2	.43	21	.01	3	<2	48	<5	.04	<5	37	44	75
286435	.2	1.17	13	<5	70	<10	3.22	<1	11	17	32	2.75	.15	1.09	638	1	.06	3	.42	19	.58	10	<2	69	5	.04	<5	64	43	21

ELEMENT / SAMPLE	Pr...	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	n ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	ppm	*Au ppb
286436	.3	1.11	12	<5	56	<10	2.53	<1	14	11	66	2.71	.20	1.02	528	3	.06	2	.47	18	.33	5	<2	52	<5	.05	<5	56	38	16
286437	.2	1.04	<5	<5	88	<10	2.05	<1	9	11	32	2.55	.19	.94	507	1	.05	3	.48	15	.73	5	<2	51	<5	.04	<5	40	37	20
289918	.6	1.03	<5	<5	68	<10	2.92	1	11	40	131	1.94	.18	.67	608	1	.05	2	.35	79	.01	6	<2	190	<5	.04	<5	26	81	43
289919	.3	1.37	25	<5	550	<10	2.57	<1	10	11	17	3.58	.25	1.10	1029	1	.05	3	.46	18	.01	7	<2	61	<5	.05	<5	52	172	90
289921	.2	1.32	8	<5	542	<10	2.48	1	12	17	19	3.34	.29	.98	1031	1	.05	2	.39	33	.01	12	<2	46	<5	.05	<5	56	244	58
289922	.4	1.26	46	<5	1229	<10	2.87	2	17	14	31	3.53	.33	.94	1016	1	.05	3	.32	63	.03	18	<2	64	<5	.06	<5	57	296	120
289923	.2	1.28	54	7	349	11	2.39	2	25	12	28	3.48	.40	.86	939	1	.05	4	.40	38	.01	14	<2	40	<5	.06	<5	54	364	62
289924	1.8	1.53	50	<5	562	<10	1.27	2	176	24	80	4.63	.27	1.11	1214	2	.05	3	.42	140	.02	14	<2	24	<5	.03	<5	89	811	2820
289925	.3	1.31	23	<5	234	14	.69	<1	22	11	14	3.09	.22	.81	695	1	.05	2	.45	42	.02	13	<2	37	<5	.02	<5	46	132	70
289926	.2	.99	8	<5	92	<10	1.31	<1	10	10	26	3.30	.18	.84	602	1	.05	2	.57	16	.01	6	<2	32	<5	.04	<5	65	57	26
289927	.3	1.55	62	<5	268	<10	.59	<1	19	11	21	3.26	.19	1.24	672	1	.05	3	.55	30	.03	16	<2	26	<5	.01	<5	52	55	61
289928	.3	1.52	5	<5	65	<10	2.85	<1	6	13	11	2.91	.32	1.25	788	1	.05	2	.45	28	.01	10	<2	63	<5	.05	<5	52	62	24
289929	.4	1.53	25	<5	172	<10	.84	<1	9	9	33	2.86	.27	1.16	685	4	.05	4	.47	33	.01	5	<2	33	<5	.02	<5	46	113	205
289931	.8	1.54	52	<5	174	<10	1.17	<1	12	11	15	2.89	.32	1.22	914	4	.05	3	.43	28	.03	14	<2	25	<5	.01	<5	43	75	18
289932	.2	.67	<5	<5	74	<10	4.65	<1	7	78	7	1.67	.09	.27	651	3	.05	2	.15	160	.01	5	<2	330	<5	.03	<5	36	34	60
289933	.3	1.22	18	<5	78	<10	2.11	<1	10	57	25	3.59	.17	1.01	819	5	.05	6	.48	21	.01	4	<2	52	<5	.05	<5	68	76	21
289934	.6	1.41	25	<5	227	<10	.61	<1	5	10	17	3.35	.24	.83	579	1	.06	2	.52	84	.64	5	<2	26	<5	.02	<5	58	139	8
289935	.2	.92	<5	<5	73	<10	3.51	<1	8	21	19	3.27	.15	.78	651	1	.06	3	.50	32	.01	11	<2	50	<5	.06	<5	75	53	19
289936	.8	1.33	101	<5	85	<10	.69	<1	17	12	22	3.84	.24	1.02	668	1	.05	2	.55	30	1.30	10	<2	20	<5	.03	<5	50	50	160
289937	.2	1.00	<5	<5	65	<10	2.34	<1	13	14	18	3.14	.23	.92	744	1	.05	3	.61	20	.01	7	<2	37	<5	.06	<5	61	58	57
289938	.2	1.16	12	<5	83	<10	2.60	<1	15	15	19	3.28	.21	1.04	761	3	.05	4	.62	26	.01	9	<2	51	<5	.05	<5	68	70	27
289939	.3	1.82	<5	<5	210	<10	.90	<1	7	10	11	3.38	.24	1.55	809	2	.06	3	.49	27	.01	15	<2	36	<5	.02	<5	65	77	10
289941	.2	1.67	13	<5	192	<10	.92	<1	11	9	27	3.01	.28	1.26	983	3	.05	2	.50	35	.02	12	<2	35	<5	.01	<5	53	207	28
289942	.3	1.82	20	<5	167	<10	3.92	<1	12	13	47	2.90	.35	1.42	1034	3	.05	4	.41	37	.01	5	<2	106	<5	.03	<5	44	95	19
289943	.8	1.40	30	<5	122	<10	.78	<1	11	15	41	2.56	.27	1.02	734	2	.05	2	.39	28	.05	16	<2	24	<5	.01	<5	36	90	15
289944	.2	1.33	264	<5	50	<10	5.72	<1	30	23	141	4.21	.07	1.21	907	12	.05	7	.28	31	2.24	9	<2	102	<5	.02	<5	113	44	445
289945	7.1	2.59	425	<5	77	<10	7.29	18	20	29	171	10.08	.17	1.54	3124	5	.04	4	.40	389	7.93	11	<2	149	<5	.01	<5	90	1639	540
289948	.8	1.60	147	<5	36	<10	6.38	<1	13	19	92	3.99	.18	1.38	1698	1	.04	18	.43	27	2.60	14	<2	86	<5	.01	<5	34	72	58
289947	.3	3.50	20	<5	38	<10	4.76	<1	38	82	165	6.64	.06	5.02	1704	1	.05	24	.67	61	.02	10	<2	183	<5	.13	<5	206	128	15
289948	.2	2.12	16	<5	46	<10	3.50	<1	17	52	44	4.45	.15	2.81	1072	1	.05	23	.56	32	.02	7	<2	75	<5	.10	<5	125	52	18
289949	.2	2.09	36	<5	83	<10	3.31	<1	14	53	42	4.70	.11	2.52	988	2	.05	24	.57	31	.01	6	<2	52	<5	.06	<5	139	54	10
289951	.5	2.50	116	<5	210	<10	.66	<1	23	69	29	5.45	.12	2.64	914	3	.06	25	.54	38	.13	11	<2	24	<5	.01	<5	126	61	17
289952	.2	1.44	27	<5	192	<10	2.04	<1	14	8	52	2.61	.34	1.04	644	2	.05	5	.50	24	.01	<2	<2	56	<5	.06	<5	53	57	8
289953	.3	1.53	45	<5	260	<10	2.21	<1	8	10	32	2.78	.33	1.23	781	2	.05	3	.39	32	.22	9	<2	57	<5	.08	<5	50	63	6
289954	.2	1.25	7	5	119	<10	2.65	<1	4	8	57	2.69	.30	1.04	672	1	.05	4	.42	19	.01	8	<2	63	<5	.07	<5	52	64	26
289955	.2	1.05	8	5	288	<10	2.43	<1	6	9	84	2.57	.27	.85	660	1	.05	2	.46	13	.01	3	<2	68	<5	.06	<5	49	63	110
289956	.2	.96	22	<5	713	<10	1.95	<1	4	9	82	2.15	.32	.71	613	1	.05	3	.57	19	.03	4	<2	62	<5	.06	<5	42	114	220
289957	.2	.67	12	<5	433	<10	2.27	<1	5	14	23	2.00	.36	.28	443	1	.05	2	.62	17	.01	14	<2	50	<5	.06	<5	32	123	160
289958	.3	1.13	6	6	108	<10	1.20	<1	6	5	22	1.84	.41	.66	584	1	.05	3	.60	16	.20	15	<2	30	<5	.06	<5	33	433	11
289959	.2	1.17	8	<5	118	<10	.57	2	7	4	23	2.29	.35	.73	574	1	.05	2	.51	18	1.01	10	<2	17	<5	.03	<5	34	475	10

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	W ppm	*Au ppb
289960	.2	.35	<5	<5	120	<10	.17	<1	2	92	4	.89	.28	.11	381	5	.09	3	.04	13	.01	<2	<2	4	<5	.06	<5	6	42	1
289961	.2	1.05	8	<5	118	<10	1.35	<1	16	6	55	2.50	.38	.69	452	2	.05	2	.41	32	.10	6	<2	30	<5	.06	<5	43	115	30
289962	.4	1.59	27	<5	146	<10	1.29	<1	29	5	24	2.90	.39	1.35	565	1	.05	3	.43	30	.01	15	<2	29	<5	.06	<5	41	55	2
289963	.3	1.78	31	<5	214	<10	1.10	<1	37	8	62	3.17	.37	1.51	625	1	.05	2	.34	28	.19	10	<2	22	<5	.05	<5	36	104	110
289964	.9	1.51	200	<5	140	<10	.46	<1	21	7	32	5.69	.36	1.13	523	8	.05	2	.50	51	1.61	12	<2	25	<5	.02	<5	31	102	32
289965	.3	1.54	23	<5	121	<10	3.77	<1	7	11	46	4.20	.26	1.33	638	1	.04	4	.55	27	.81	4	<2	61	<5	.06	<5	61	76	145
289966	.2	1.43	104	<5	73	<10	3.50	<1	14	12	74	6.17	.40	1.10	537	3	.04	2	.46	22	6.63	3	<2	54	<5	.03	<5	27	70	2230
289967	.3	1.91	17	6	100	<10	2.80	<1	13	6	79	3.07	.36	1.71	617	1	.05	4	.57	32	.38	<2	<2	52	<5	.06	<5	33	50	380
289968	.2	.20	8	<5	8	<10	.06	<1	2	2	3	.39	.02	.14	41	1	.04	2	.01	2	.18	<2	<2	1	<5	.01	<5	4	5	32
289969	.3	1.97	<5	<5	269	<10	2.89	<1	16	10	24	3.49	.37	1.74	573	2	.06	5	.52	30	.04	12	<2	52	<5	.08	<5	61	38	2
289970	1.7	1.89	18	<5	112	<10	1.14	<1	18	397	119	5.42	.20	.88	660	23	.17	271	1.19	49	.16	14	<2	61	<5	.11	<5	102	132	11200
289971	.2	2.08	21	<5	181	<10	1.22	<1	13	11	25	3.75	.39	1.80	636	1	.06	6	.41	30	.42	4	<2	29	<5	.06	<5	42	54	1
289972	.3	1.44	96	<5	185	<10	4.28	1	18	18	82	4.24	.21	1.24	1014	7	.05	2	.40	139	2.13	19	<2	56	<5	.01	<5	43	211	135
289973	.6	1.65	24	<5	101	<10	.91	<1	12	8	31	3.54	.35	1.41	532	1	.06	4	.39	47	.44	7	<2	23	<5	.01	<5	40	78	80
289974	.3	1.67	15	<5	85	<10	2.89	<1	9	9	33	3.14	.43	1.38	635	1	.05	2	.46	24	.01	4	<2	48	<5	.03	<5	89	50	230
289975	.3	1.64	25	<5	148	<10	3.11	<1	7	8	13	2.52	.45	1.24	659	3	.05	4	.51	25	.05	17	<2	53	<5	.04	<5	34	41	26
289976	.2	1.44	20	<5	104	<10	2.53	<1	11	9	61	3.09	.24	1.23	614	1	.07	2	.53	21	.70	10	<2	49	<5	.02	<5	52	55	30
289977	.2	1.31	<5	<5	179	<10	2.63	<1	20	13	20	3.28	.26	1.17	634	1	.06	4	.57	20	.04	7	<2	52	<5	.03	<5	53	47	2
289978	.3	2.01	771	<5	78	<10	5.93	<1	21	25	45	3.91	.21	1.66	1203	7	.05	8	.55	50	.54	10	<2	160	<5	.01	<5	95	91	185
289979	20.1	1.93	733	<5	61	<10	9.11	<1	28	13	894	10.82	.26	1.18	1071	23	.04	26	.67	68	11.45	14	<2	184	<5	.01	<5	70	186	4888
289980	.2	.33	<5	<5	125	<10	.20	<1	3	98	5	.95	.25	.18	402	2	.09	2	.08	8	.01	<5	<2	7	<5	.06	<5	6	48	1
289981	.3	2.49	53	<5	90	<10	8.24	<1	22	17	101	5.11	.32	1.40	1594	3	.04	16	.67	39	.50	6	<2	194	<5	.01	<5	74	100	2
289982	.8	1.88	72	<5	105	11	1.40	<1	63	9	250	6.06	.41	1.49	994	1	.04	7	.43	38	.42	8	<2	28	<5	.07	<5	81	102	645
289983	3.9	1.84	123	<5	69	<10	.35	<1	36	15	209	7.64	.39	1.35	689	8	.04	4	.33	40	3.90	30	<2	13	6	.03	<5	83	103	2350
289984	.8	1.66	159	<5	181	<10	.36	<1	99	11	440	8.20	.32	1.11	726	6	.04	5	.27	33	.74	<2	<2	14	<5	.09	<5	130	87	3450
289985	1.1	2.06	100	<5	107	<10	.70	<1	57	12	1040	5.16	.36	1.57	877	3	.04	4	.36	50	.56	16	<2	16	<5	.09	<5	66	111	1640
289986	11.4	.92	124	<5	62	<10	1.88	<1	21	40	589	18.48	.22	.50	609	26	.04	2	.31	78	.23	15	<2	37	<5	.06	<5	284	53	155250
289987	3.1	2.72	66	<5	81	<10	1.72	<1	52	26	231	7.40	.26	2.38	1093	4	.04	10	.52	38	1.39	11	<2	34	<5	.10	<5	137	131	16500
289988	.3	3.83	79	<5	270	<10	7.45	<1	26	47	121	7.18	.04	4.10	1836	2	.05	17	.70	55	.23	2	<2	120	<5	.17	<5	256	81	140
289989	.3	3.82	30	<5	44	<10	6.94	<1	23	62	131	7.23	.06	4.07	1546	1	.05	16	.74	83	.39	<2	<2	106	<5	.07	<5	228	61	120
289990	1.6	1.78	16	<5	99	<10	1.10	<1	18	378	131	5.36	.18	.88	604	19	.16	290	1.16	44	.17	10	<2	54	<5	.14	<5	93	133	11900
289991	.3	3.96	32	<5	74	<10	3.92	<1	24	29	154	8.12	.08	3.56	1558	9	.05	20	.69	64	.13	6	<2	68	<5	.01	<5	227	66	32
289992	1.8	3.77	163	<5	57	<10	.62	<1	36	12	354	9.28	.21	3.18	1031	8	.04	11	.50	68	.06	<2	<2	17	<5	.01	<5	147	83	235
289993	.3	4.30	65	<5	66	<10	2.62	<1	22	36	121	8.22	.18	3.87	1493	1	.05	12	.60	66	.21	<2	<2	47	<5	.01	<5	171	108	15
289994	.2	3.98	197	<5	87	<10	1.62	<1	39	18	316	8.95	.11	3.61	1421	3	.05	24	.62	85	.56	12	<2	32	<5	.07	<5	253	90	95
289995	.3	3.91	321	<5	34	<10	4.30	<1	36	17	190	8.28	.04	4.05	1263	1	.05	18	.51	56	1.81	8	<2	71	<5	.11	<5	273	80	90
289996	.3	3.77	38	<5	30	<10	4.21	<1	23	16	53	7.26	.14	3.59	1382	3	.05	19	.58	60	.54	10	<2	64	<5	.03	<5	212	109	5
289997	.3	3.85	<5	<5	27	<10	5.82	<1	32	32	157	7.81	.12	4.27	1769	3	.06	22	.65	62	1.62	5	<2	70	<5	.19	<5	246	116	9
289998	1.5	2.19	5367	<5	31	<10	5.95	<1	517	17	752	10.43	.09	2.13	1047	8	.05	20	.61	59	9.99	30	<2	97	<5	.08	<5	156	112	1850
289999	.3	2.40	127	<5	146	<10	1.42	<1	36	51	67	4.40	.10	2.55	1114	1	.06	22	.64	40	.12	9	<2	30	<5	.01	<5	124	77	70

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	W ppm	*Au ppb
290000	.2	.36	<5	<5	125	<10	.19	<1	3	84	6	.85	.23	.12	364	2	.08	2	.02	10	.03	<5	<2	5	<5	.06	<5	7	43	5
SP-1 [Rock]	7.3	.48	128	<5	18	<10	.02	<1	2	8	186	38.82	.03	.03	462	99	.03	6	.09	24	.15	32	<2	<1	<5	.01	<5	19	14	145
C-2 [Rock]	13.3	.59	160	<5	57	<10	.42	<1	13	65	546	12.83	.11	.32	622	43	.04	2	.30	256	.04	36	<2	18	<5	.04	<5	169	231	229500
C-15 [Rock]	16.1	.99	115	<5	85	<10	.55	<1	29	62	733	13.24	.25	.52	657	30	.04	5	.48	118	.04	29	<2	22	<5	.07	<5	230	324	189250
C-16 [Rock]	17.1	.63	63	<5	35	<10	.24	<1	23	74	2742	10.96	.09	.36	475	43	.04	2	.25	154	.03	18	<2	7	<5	.02	<5	219	225	249750
C-28 [Rock]	10.8	1.25	89	5	83	<10	.55	<1	29	45	355	10.15	.26	.78	769	42	.04	6	.34	124	.06	28	<2	16	<5	.07	<5	167	265	87150

PIONEER LABORATORIES INC. #103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5 **TELEPHONE (604) 231-8165**

TEUTON RESOURCES CORP.

Project:
Sample Type: Cores/Rocks

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Analyst _____
Report No. 2102798
Date: November 29, 2010

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
102001	18.3	.11	1184	<5	11	11	.03	19	5	65	138	13.89	.08	.01	150	4	.03	2	.06	2679	16.82	42	<2	5	14	.03	<5	8	2296	1620
102002	3.2	.39	301	<5	69	<10	.15	2	10	19	18	3.69	.14	.17	303	6	.02	1	.12	158	3.60	17	<2	7	<5	.03	<5	10	165	190
102003	2.5	1.35	242	<5	93	<10	1.30	1	11	20	34	3.98	.22	.87	1390	5	.03	3	.27	62	2.20	17	<2	47	<5	.03	<5	21	215	67
102004	2.2	1.53	124	<5	110	<10	.52	2	12	14	32	4.02	.16	.98	1320	4	.03	4	.30	49	1.26	18	<2	23	<5	.02	<5	24	174	25
102005	1.5	1.73	98	<5	111	<10	.37	1	14	16	42	4.47	.18	1.15	1444	1	.02	1	.36	51	.99	7	<2	16	<5	.03	<5	34	138	9
102006	1.3	1.82	144	<5	82	<10	.47	2	13	10	41	5.21	.15	1.25	1442	1	.03	2	.29	62	2.02	8	<2	19	<5	.08	<5	46	168	27
102007	.3	1.48	38	<5	367	<10	1.08	1	10	23	13	3.43	.10	1.32	952	1	.04	3	.32	24	.14	12	<2	44	<5	.10	<5	51	159	20
102008	.2	.76	47	<5	144	<10	2.67	1	9	42	8	2.37	.23	.78	722	5	.04	6	.05	32	.24	11	<2	158	<5	.03	<5	10	83	3
102009	.5	1.25	8	<5	256	<10	1.51	1	10	39	6	2.74	.19	.96	710	2	.04	4	.09	24	.08	6	<2	70	<5	.03	<5	25	117	5
102010	.6	.40	<5	<5	85	<10	.15	<1	4	139	5	.93	.34	.10	376	7	.08	3	.01	12	.01	5	<2	5	<5	.13	<5	6	45	1
102011	.4	1.10	23	<5	239	<10	2.27	2	10	33	6	2.78	.22	.82	873	2	.04	3	.10	44	.22	5	<2	93	<5	.03	<5	18	110	4
102012	15.4	.10	1476	<5	3	25	.20	79	4	99	737	13.85	.07	.04	123	8	.03	3	.10	6840	16.09	101	<2	18	13	.03	<5	7	10894	3145
102013	2.2	.12	383	<5	53	<10	.18	5	8	75	24	3.84	.11	.03	173	4	.02	3	.05	323	3.98	<2	<2	16	<5	.03	<5	9	538	610
102014	2.6	.63	307	<5	114	<10	.36	2	10	45	10	4.39	.18	.36	334	2	.04	3	.06	154	2.26	6	<2	13	6	.03	<5	14	167	505
102015	2.2	.12	340	<5	70	<10	.06	2	7	82	18	3.72	.10	.01	175	4	.03	4	.03	453	3.44	<2	<2	7	<5	.03	<5	8	183	550
102016	1.9	.18	326	<5	110	<10	.05	2	8	105	13	2.70	.18	.02	52	6	.03	2	.03	297	2.31	<2	<2	6	<5	.03	<5	6	97	285
102017	.2	1.14	25	<5	624	<10	3.04	2	10	45	7	2.72	.23	1.09	818	3	.05	6	.10	99	.06	6	<2	220	<5	.03	<5	30	175	8
102018	.4	1.23	43	<5	409	<10	2.16	3	9	27	17	3.15	.15	1.10	909	1	.04	4	.14	132	.12	5	<2	120	<5	.03	<5	31	320	3
102019	1.1	1.71	124	<5	165	<10	.97	5	15	14	49	5.44	.19	1.23	1306	3	.04	2	.20	104	1.51	<2	<2	44	<5	.03	<5	37	625	45
102020	1.7	1.81	19	<5	103	<10	1.12	1	14	315	113	5.48	.20	.87	587	18	.14	251	.98	48	.13	14	<2	55	<5	.18	<5	93	131	10980
102021	1.6	1.61	267	<5	59	<10	1.02	5	13	15	18	7.20	.16	1.18	1749	1	.03	1	.16	267	4.70	8	<2	56	<5	.03	<5	32	490	210
102022	5.2	.34	1177	<5	93	32	.03	8	3	19	199	21.45	.38	.07	173	7	.04	1	.19	1529	2.32	36	<2	18	11	.03	<5	18	1071	235
102023	2.6	1.06	343	<5	71	<10	.71	6	18	15	44	6.40	.21	.84	1226	2	.03	1	.18	201	4.69	17	<2	55	<5	.03	<5	16	401	240
102024	2.8	.52	362	<5	79	<10	.31	4	13	17	46	4.93	.21	.25	336	3	.03	1	.14	132	3.85	15	<2	18	6	.03	<5	10	269	180
102025	12.1	.17	668	<5	61	<10	.09	2	8	26	47	4.34	.18	.02	69	5	.02	2	.07	356	4.38	20	<2	12	7	.03	<5	3	235	395
102026	3.3	.56	376	<5	50	<10	.43	7	17	15	66	5.87	.20	.39	582	4	.03	1	.19	162	5.95	20	<2	27	<5	.03	<5	10	397	190
102027	2.0	1.33	211	<5	82	<10	.31	4	13	19	42	5.26	.20	.83	846	1	.03	1	.22	106	3.13	5	<2	11	<5	.03	<5	27	248	42
102028	1.1	1.78	112	<5	130	<10	.92	5	15	17	35	5.05	.28	1.02	1929	3	.04	3	.21	124	1.20	<2	<2	38	<5	.03	<5	34	536	5
102029	.8	1.72	87	<5	240	<10	.83	4	14	10	20	4.66	.20	1.11	1151	1	.04	6	.30	69	.75	6	<2	35	<5	.03	<5	37	527	3
102030	.3	.39	<5	<5	90	<10	.15	<1	2	123	3	.90	.30	.10	376	4	.08	3	.02	17	.01	12	<2	4	6	.13	<5	6	42	4
102031	2.9	1.09	286	<5	65	<10	1.67	4	16	17	96	5.60	.19	.59	1023	5	.04	2	.19	74	3.75	20	<2	65	<5	.03	<5	21	311	58
102032	2.3	1.28	208	<5	109	<10	1.18	3	14	20	23	5.47	.30	.90	1344	1	.04	3	.21	134	2.91	17	<2	66	<5	.03	<5	25	218	12
102033	12.3	.84	299	<5	66	<10	.38	26	12	33	22	5.94	.20	.54	636	4	.03	3	.20	8008	5.39	32	<2	22	<5	.03	<5	19	4271	80
102034	2.3	.95	233	<5	109	<10	.69	5	16	18	36	4.72	.31	.61	1442	2	.03	2	.27	223	2.19	20	<2	31	<5	.03	<5	20	570	22
102035	.9	1.65	136	<5	62	<10	4.27	3	15	6	40	4.46	.21	.95	1903	1	.02	3	.29	37	1.54	6	<2	137	<5	.03	<5	36	115	16

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
102036	1.9	1.27	272	<5	48	10	2.90	2	14	7	41	4.36	.20	.78	1492	1	.03	2	.26	27	2.87	8	<2	92	5	.03	<5	23	109	75
102037	2.3	1.16	249	<5	50	<10	1.40	2	15	15	42	5.38	.22	.77	1213	1	.03	2	.30	28	4.57	15	<2	65	<5	.03	<5	20	128	105
102038	4.6	.83	870	<5	48	17	3.91	3	13	16	36	8.12	.23	.46	1678	2	.02	3	.25	42	8.65	72	<2	135	<5	.03	<5	14	138	620
102039	1.9	.97	37	<5	53	<10	2.70	1	10	9	47	3.00	.20	.51	1028	1	.03	2	.26	17	1.69	15	<2	74	<5	.03	<5	22	59	125
102040	1.8	1.76	16	<5	97	<10	1.15	2	16	322	112	5.33	.18	.86	601	18	.13	261	1.01	41	.13	12	<2	52	<5	.19	<5	91	130	10650
102041	3.1	1.66	250	<5	55	<10	1.23	2	20	13	62	5.29	.21	1.08	1234	1	.03	3	.26	21	2.75	60	<2	45	<5	.03	<5	67	102	210
102042	3.3	1.70	166	<5	41	<10	1.10	3	25	15	58	6.19	.16	1.23	1326	3	.03	6	.24	196	3.72	51	<2	49	<5	.03	<5	69	189	195
102043	6.7	1.38	784	<5	55	<10	.81	1	26	27	63	4.96	.21	.98	817	4	.02	7	.20	35	3.17	99	<2	38	<5	.03	<5	55	57	325
102044	3.9	.69	506	<5	36	11	1.72	2	23	11	59	6.47	.16	.84	839	2	.03	4	.19	28	6.32	30	<2	90	<5	.03	<5	28	59	130
102045	20.1	.15	442	<5	33	<10	.81	2	8	53	43	2.55	.11	.03	204	4	.03	3	.14	135	3.24	34	<2	48	<5	.03	<5	10	228	425
102046	25.3	.16	613	<5	39	<10	.59	2	9	54	29	3.32	.13	.08	278	7	.02	2	.17	68	4.20	25	<2	74	<5	.03	<5	12	278	540
102047	8.2	.24	1036	<5	41	<10	.88	1	13	50	16	4.05	.14	.23	472	3	.03	3	.24	52	5.07	22	<2	75	<5	.03	<5	11	93	520
102048	6.1	.41	452	<5	39	<10	.68	1	15	28	46	4.65	.17	.29	526	2	.03	6	.27	45	5.77	14	<2	43	<5	.03	<5	17	78	380
102049	15.6	.58	711	<5	42	<10	4.81	1	16	18	43	4.18	.22	.46	2164	1	.02	4	.29	19	5.01	14	<2	225	<5	.03	<5	16	50	1470
102050	.2	.31	<5	<5	88	<10	.20	<1	2	130	4	.85	.32	.11	380	2	.05	1	.03	9	.01	<2	<2	4	<5	.08	<5	6	48	13
102051	19.1	.60	1109	<5	41	<10	2.21	1	16	13	67	4.41	.18	.49	993	1	.03	7	.29	19	4.95	20	<2	85	<5	.03	<5	17	65	270
102052	21.0	.48	2758	<5	34	<10	2.47	1	11	18	83	3.51	.14	.54	1253	2	.02	6	.31	16	3.80	72	<2	103	6	.03	<5	23	85	1305
102053	3.5	1.29	1233	<5	47	<10	4.71	2	19	14	51	4.87	.22	1.37	2293	1	.03	8	.33	127	3.63	14	<2	249	<5	.03	<5	52	121	210
102054	11.2	.98	482	<5	50	<10	1.82	1	16	15	71	4.67	.18	1.29	1751	2	.02	7	.33	18	3.89	13	<2	124	<5	.03	<5	46	89	230
102055	11.1	.72	1276	<5	45	<10	1.50	2	18	21	84	4.49	.19	1.04	1353	3	.03	7	.29	23	3.88	24	<2	115	<5	.03	<5	30	84	485
102056	11.8	.26	2378	<5	56	<10	.86	1	9	54	53	3.63	.16	.25	535	4	.02	6	.16	104	4.15	23	<2	71	<5	.03	<5	11	90	920
102057	17.1	.70	2664	<5	42	<10	1.16	1	16	25	101	4.62	.19	.81	951	2	.03	4	.25	25	4.30	31	<2	104	<5	.03	<5	30	46	395
102058	3.0	.59	417	<5	46	<10	2.70	2	18	9	63	5.13	.20	1.24	1769	1	.03	2	.27	23	3.48	13	<2	336	<5	.03	<5	29	155	85
102059	2.8	1.46	523	<5	50	<10	2.35	2	15	14	61	5.13	.21	1.34	1588	1	.02	3	.32	45	3.54	13	<2	183	<5	.03	<5	58	109	170
102060	1.8	1.78	17	<5	104	<10	1.20	2	16	317	115	5.39	.18	.86	573	19	.13	269	.96	39	.15	8	<2	56	<5	.20	<5	95	135	10890
102061	2.8	.88	546	<5	33	<10	1.66	1	17	14	66	4.90	.19	1.08	1253	1	.03	4	.30	15	4.40	9	<2	120	<5	.03	<5	35	59	205
102062	2.2	.90	250	<5	35	<10	2.95	1	16	9	59	4.87	.20	.92	1656	1	.03	3	.31	28	4.00	10	<2	172	<5	.03	<5	33	79	210
102063	2.3	.44	282	<5	39	<10	2.47	1	18	17	43	4.44	.19	.75	1324	2	.02	2	.26	20	4.45	11	<2	277	<5	.03	<5	17	84	195
102064	3.3	.52	694	<5	30	<10	1.40	2	16	18	59	4.81	.14	.78	1090	1	.03	3	.24	20	4.80	15	<2	125	<5	.03	<5	23	103	810
102065	2.0	.68	264	<5	55	<10	3.42	1	18	16	59	4.26	.22	1.16	1704	2	.03	4	.26	17	2.54	7	<2	236	<5	.03	<5	30	81	165
102066	2.5	.61	394	<5	51	<10	4.97	1	16	10	60	4.57	.21	.84	1668	1	.02	2	.27	22	3.18	14	<2	383	<5	.03	<5	26	46	50
102067	1.9	.37	370	<5	47	<10	4.91	1	17	9	61	4.06	.25	.79	1588	2	.03	2	.29	17	3.01	5	<2	341	<5	.03	<5	14	40	105
102068	2.7	.89	446	<5	48	<10	4.18	2	18	8	51	4.99	.26	1.01	1647	1	.03	3	.34	37	4.21	14	<2	209	<5	.03	<5	28	96	160
102069	2.3	.87	292	<5	34	<10	3.17	2	14	7	50	4.65	.16	1.16	1644	1	.02	2	.35	24	3.70	7	<2	189	<5	.03	<5	38	119	105
102070	.2	.37	<5	<5	88	<10	.15	<1	2	121	3	.80	.27	.10	333	5	.08	4	.02	4	.01	<2	<2	5	<5	.15	<5	5	38	17
102071	3.7	.92	653	<5	38	<10	1.75	1	16	12	50	5.11	.16	.91	1291	1	.03	4	.28	27	5.05	19	<2	71	<5	.03	<5	41	80	245
102072	3.1	.82	517	<5	36	<10	1.14	2	15	15	39	4.71	.15	.80	955	4	.03	3	.26	37	4.92	15	<2	76	<5	.03	<5	36	97	280
102073	2.5	1.28	233	<5	44	<10	3.08	2	16	12	47	5.21	.11	1.24	1947	1	.03	3	.21	27	3.41	15	<2	248	<5	.03	<5	64	93	150
102074	2.1	1.31	356	<5	46	<10	2.56	1	18	10	33	4.83	.13	1.26	1459	1	.02	2	.22	20	3.09	15	<2	111	<5	.03	<5	57	74	205
102075	3.0	1.37	251	<5	43	<10	3.39	2	15	8	57	4.78	.16	1.31	1732	2	.03	2	.26	20	2.86	16	<2	149	<5	.03	<5	49	81	80
102076	1.7	.87	287	<5	42	<10	3.60	1	16	10	61	4.45	.15	1.07	1625	1	.03	2	.23	18	3.41	11	<2	157	<5	.03	<5	29	98	85
102077	3.7	.30	684	<5	48	<10	3.42	2	15	14	69	4.74	.16	.31	1164	2	.02	3	.27	97	5.14	9	<2	178	<5	.03	<5	14	146	765
102078	3.0	.88	245	<5	79	<10	7.81	2	17	19	54	5.07	.28	.67	2834	1	.03	3	.24	26	4.08	13	<2	798	<5	.03	<5	22	108	450
102079	5.2	1.30	333	<5	96	<10	4.00	2	14	10	93	4.71	.27	.75	1413	1	.03	2	.31	21	2.68	14	<2	122	<5	.03	<5	26	92	180
102080	1.7	1.80	20	<5	134	<10	1.10	<1	15	312	125	6.30	.26	.99	654	20	.19	242	.97	51	.14	10	<2	60	<5	.43	<5	113	125	10540

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
102081	3.6	1.59	2971	<5	66	<10	4.05	2	16	12	76	4.92	.23	1.16	1683	1	.03	1	.27	76	2.20	26	<2	97	<5	.03	<5	37	134	445
102082	2.4	2.00	542	<5	59	<10	3.05	2	14	7	46	5.44	.19	1.44	1625	1	.03	2	.27	28	1.65	7	<2	93	<5	.03	<5	55	97	270
102083	1.9	2.01	102	<5	140	<10	2.61	2	15	13	51	5.05	.16	1.46	1683	1	.02	3	.27	40	1.26	4	<2	47	<5	.03	<5	63	139	38
102084	2.2	1.83	173	<5	105	<10	1.43	3	17	18	42	5.18	.35	1.30	1506	1	.05	5	.30	97	2.52	11	<2	48	<5	.10	<5	55	199	52
102085	7.2	.47	718	<5	55	<10	1.67	9	11	25	48	4.48	.17	.25	574	4	.03	3	.23	325	4.62	13	<2	37	<5	.03	<5	19	1654	560
102086	4.2	1.07	385	<5	76	<10	1.13	8	14	23	49	5.30	.34	.64	729	3	.04	2	.31	175	4.63	10	<2	33	<5	.10	<5	37	1143	265
102087	.5	1.86	43	<5	20	<10	2.61	2	18	63	44	3.93	.05	1.89	781	2	.06	31	.51	50	.29	3	<2	50	<5	.30	<5	72	113	27
102088	.3	2.39	57	<5	41	<10	3.60	2	17	67	27	3.92	.06	2.01	723	3	.07	33	.44	36	.27	10	<2	77	<5	.40	<5	73	110	5
102089	.2	1.78	<5	<5	29	<10	2.05	2	13	71	24	3.50	.06	1.82	648	2	.05	27	.30	39	.08	3	<2	62	<5	.28	<5	53	113	3
102090	.2	.37	<5	<5	80	<10	.16	<1	2	109	5	.91	.24	.10	359	4	.07	2	.03	15	.01	<2	<2	4	<5	.13	<5	6	39	10
102091	.3	1.80	51	<5	26	<10	2.08	2	14	79	7	3.41	.05	1.78	683	1	.05	23	.35	23	.05	<2	<2	59	<5	.25	<5	51	94	1
102092	.3	1.78	<5	<5	26	<10	1.96	2	13	73	12	3.39	.07	1.73	672	2	.06	22	.37	23	.05	10	<2	55	<5	.25	<5	55	92	4
102093	.2	1.58	54	<5	35	<10	1.47	2	12	68	28	3.17	.05	1.20	503	3	.12	21	.44	27	.05	5	<2	83	<5	.28	<5	54	72	15
102094	.3	1.75	38	<5	29	<10	1.54	1	16	64	30	3.15	.04	1.33	579	4	.13	30	.46	19	.10	2	<2	75	<5	.30	<5	58	75	3
102095	2.5	2.15	247	<5	58	<10	2.21	2	18	37	78	5.08	.36	.54	588	3	.11	6	.25	55	4.20	11	<2	53	<5	.10	<5	48	115	220
102096	1.8	2.75	133	<5	93	<10	2.58	2	17	12	29	4.44	.75	.71	712	1	.09	2	.33	44	3.44	11	<2	62	<5	.13	<5	56	111	49
102097	2.9	1.72	238	<5	78	<10	3.17	2	12	29	29	3.52	.52	.40	707	3	.07	2	.30	44	3.19	6	<2	70	<5	.08	<5	34	51	305
102098	1.2	3.57	74	<5	84	<10	3.94	2	17	24	46	3.86	.46	.84	878	2	.16	5	.29	58	1.77	6	<2	87	<5	.15	<5	73	71	18
102099	16.8	1.26	8	<5	189	<10	2.09	6	12	22	39	4.26	.23	.94	1032	4	.04	2	.28	12300	1.19	19	<2	59	<5	.03	<5	36	558	14
102100	1.8	1.90	21	<5	101	<10	1.10	<1	16	317	118	5.69	.24	.93	614	17	.18	226	1.10	58	.13	14	<2	68	<5	1.15	<5	105	130	10730
102101	2.3	1.19	280	<5	84	<10	.54	3	13	16	20	5.81	.24	.82	898	3	.03	3	.27	303	2.74	12	<2	24	<5	.03	<5	34	226	140
102102	2.0	.32	488	<5	64	<10	1.85	3	16	27	11	6.52	.20	.22	766	2	.02	2	.21	124	6.98	12	<2	160	<5	.03	<5	17	188	225
102103	3.1	1.00	301	<5	70	<10	1.41	5	15	22	21	6.07	.23	.90	1510	3	.03	3	.25	347	4.44	10	<2	105	<5	.03	<5	30	405	150
102104	1.5	1.33	233	<5	59	<10	.56	3	16	13	25	5.95	.21	.91	1193	2	.02	3	.29	144	4.12	13	<2	28	<5	.03	<5	38	265	90
102105	1.8	1.29	240	<5	72	<10	.87	4	15	21	21	5.77	.24	.98	1472	3	.03	2	.29	223	3.99	13	<2	68	<5	.03	<5	43	400	75
102106	21.8	.32	333	<5	52	<10	.56	2	12	49	32	3.72	.19	.13	270	4	.02	2	.20	142	4.02	23	<2	43	6	.03	<5	14	176	905
102107	3.3	.66	270	<5	60	<10	1.22	4	13	44	27	4.87	.22	.84	1333	5	.03	3	.30	114	3.63	9	<2	131	<5	.03	<5	28	299	105
102108	3.5	.34	314	<5	68	<10	.68	3	12	18	24	4.61	.21	.22	968	4	.02	2	.27	132	3.16	12	<2	66	<5	.03	<5	14	244	360
102109	3.2	.37	362	<5	79	<10	.32	5	12	23	26	5.31	.21	.17	556	5	.03	3	.18	191	2.70	11	<2	32	<5	.03	<5	16	365	75
102110	.2	.40	<5	<5	89	<10	.21	<1	2	129	5	.83	.20	.11	368	4	.05	2	.02	9	.01	3	<2	3	<5	.13	<5	6	46	10
102111	3.3	.33	414	<5	43	<10	.34	6	13	32	20	5.17	.20	.19	499	6	.03	3	.16	360	4.54	9	<2	34	<5	.03	<5	16	514	175
102112	6.7	.29	351	<5	65	<10	1.46	6	11	29	29	4.71	.18	.33	1303	4	.02	2	.17	317	3.54	16	<2	130	<5	.03	<5	13	609	135
102113	4.1	.19	603	<5	46	<10	1.00	8	8	34	25	4.68	.19	.14	818	7	.03	3	.14	450	4.70	13	<2	68	<5	.03	<5	12	1105	290
102114	7.8	.10	590	<5	67	<10	.05	11	5	49	41	3.23	.07	.01	245	6	.03	2	.08	428	2.58	19	<2	4	<5	.03	<5	6	1547	580
102115	7.8	.26	5126	<5	56	<10	.62	4	9	48	44	3.80	.14	.04	328	7	.02	3	.13	373	3.99	43	<2	30	<5	.03	<5	11	234	1020
102116	2.3	.90	189	<5	61	<10	1.03	2	13	10	41	4.19	.20	.65	1112	2	.03	2	.27	71	2.58	7	<2	44	<5	.03	<5	21	195	80
102117	1.3	1.94	71	<5	60	<10	3.46	3	14	7	34	4.69	.23	1.32	1720	2	.02	3	.38	52	.54	<2	<2	101	<5	.03	<5	45	296	5
102118	2.0	1.52	408	<5	54	<10	4.12	2	15	9	37	4.42	.21	.93	1511	1	.02	2	.38	63	1.04	11	<2	107	<5	.03	<5	35	158	75
102119	1.5	1.61	85	<5	52	<10	4.11	4	16	6	39	4.70	.17	1.01	1764	3	.03	3	.39	145	.98	9	<2	105	<5	.03	<5	39	359	57
102120	1.9	1.78	18	<5	95	<10	1.14	2	17	330	113	5.29	.18	.85	576	18	.12	266	.14	39	.12	13	<2	53	<5	.18	<5	94	131	10670
102121	2.0	1.07	144	<5	55	<10	5.61	2	11	10	35	4.03	.23	.64	1577	2	.03	3	.28	51	1.22	12	<2	127	<5	.03	<5	25	137	36
102122	1.8	1.05	300	<5	43	<10	3.57	3	13	6	29	4.12	.18	.65	1425	3	.02	2	.31	85	1.26	16	<2	110	<5	.03	<5	23	313	590
102123	1.3	1.04	405	<5	45	<10	4.45	2	15	7	46	4.05	.19	.65	1626	1	.02	2	.24	31	1.20	7	<2	117	<5	.03	<5	25	130	54
102124	1.1	1.02	199	<5	58	<10	3.99	3	14	6	36	4.28	.15	.73	1594	2	.03	3	.29	17	1.05	8	<2	87	<5	.03	<5	30	214	5
102125	1.1	1.36	80	<5	71	<10	4.48	2	11	7	31	3.91	.24	.86	1511	1	.03	2	.31	17	.62	9	<2	101	<5	.03	<5	35	81	37

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
102126	1.3	1.14	246	<5	172	<10	.27	4	19	8	83	5.54	.21	.40	1844	3	.02	3	.41	35	.08	8	<2	10	<5	.03	<5	30	327	49
286451	4.5	1.13	253	<5	110	<10	.72	7	11	17	55	4.67	.19	.81	1351	2	.03	3	.27	1350	.75	8	<2	60	<5	.03	<5	29	697	80
286452	1.9	1.10	177	<5	82	<10	1.62	6	14	12	27	4.53	.20	.85	1435	1	.02	2	.32	180	1.09	10	<2	51	<5	.03	<5	28	428	310
286253	2.1	.39	541	<5	24	15	.64	9	7	31	76	11.83	.15	.24	867	3	.03	2	.21	284	4.91	16	<2	50	<5	.03	<5	27	852	145
286454	1.0	1.23	205	<5	64	<10	1.24	3	13	14	20	5.05	.20	1.09	1592	1	.03	3	.29	84	1.52	6	<2	74	<5	.03	<5	33	296	85
286455	2.7	.40	474	<5	66	<10	.99	8	14	23	17	4.75	.23	.44	824	4	.02	2	.26	230	2.14	7	<2	94	<5	.03	<5	17	511	180
286456	1.2	.83	285	<5	79	<10	.79	2	16	19	24	4.62	.26	.68	1111	1	.03	3	.31	79	1.75	10	<2	52	<5	.03	<5	22	149	75
286457	1.2	1.50	129	<5	86	<10	1.92	2	15	12	30	4.58	.27	1.27	2018	1	.03	3	.32	45	.78	6	<2	157	<5	.03	<5	36	133	30
286458	1.6	.33	148	<5	79	<10	.91	2	16	18	35	4.05	.24	.84	1348	2	.03	3	.34	50	.87	11	<2	138	<5	.03	<5	16	228	115
286459	1.1	.69	103	<5	77	<10	.77	2	15	15	26	4.23	.25	.89	1435	1	.02	2	.32	81	.81	12	<2	66	<5	.03	<5	23	286	75
286460	1.0	.28	115	<5	59	<10	2.12	4	12	32	27	3.47	.20	.82	1717	1	.03	2	.23	69	.78	7	<2	302	<5	.03	<5	15	405	70
286461	1.5	.45	183	<5	72	<10	1.08	5	15	17	29	4.33	.25	.80	1524	1	.02	3	.28	354	1.15	13	<2	82	<5	.03	<5	21	603	51
286462	1.5	.44	128	<5	62	<10	1.41	3	17	10	22	4.73	.21	.87	1959	3	.03	2	.27	216	1.35	13	<2	122	<5	.03	<5	19	243	49
286463	7.8	.62	262	<5	65	<10	.88	40	15	21	118	4.66	.24	.40	1247	3	.02	3	.30	1398	1.41	18	<2	76	<5	.03	<5	23	5602	310
286464	5.6	.34	426	<5	66	<10	4.84	10	10	39	34	3.52	.17	.28	1378	7	.03	2	.22	727	1.61	16	<2	100	<5	.03	<5	17	1410	395
286465	1.8	1.18	202	<5	63	<10	.68	3	19	13	31	4.73	.25	.99	1457	2	.02	3	.37	75	1.26	14	<2	30	<5	.03	<5	37	283	35
286466	12.8	.53	687	<5	38	<10	2.63	5	11	15	49	5.04	.15	.50	1428	4	.02	2	.26	349	2.40	22	<2	133	<5	.03	<5	23	627	1130
286467	2.4	.97	368	<5	58	<10	1.61	3	18	20	22	5.24	.23	.77	1355	2	.03	3	.28	95	1.96	16	<2	87	<5	.03	<5	35	152	95
286468	4.7	.39	694	<5	39	<10	2.08	3	16	14	30	8.53	.15	.56	1433	4	.02	2	.23	54	4.11	25	<2	168	<5	.03	<5	26	182	245
286469	2.8	.44	477	<5	60	11	.69	3	13	25	35	6.45	.22	.47	721	4	.03	3	.27	511	4.37	19	<2	79	<5	.03	<5	27	169	80
286470	10.7	.26	678	<5	63	18	.13	2	9	24	102	8.70	.34	.05	131	5	.03	2	.24	1340	2.62	23	<2	32	<5	.03	<5	24	374	420
286471	8.7	.25	1403	<5	122	16	.02	3	5	23	107	8.78	.72	.06	90	6	.02	2	.27	1416	1.74	28	<2	25	<5	.03	<5	25	373	375
286472	1.6	.88	186	<5	49	10	2.27	7	16	5	63	4.89	.22	.61	1813	3	.03	3	.41	66	3.41	9	<2	92	<5	.03	<5	27	861	64
286473	.5	1.25	123	<5	63	<10	3.73	4	13	10	49	4.67	.24	.84	1864	1	.02	3	.38	35	3.25	10	<2	145	<5	.03	<5	31	311	60
286474	1.0	1.26	194	<5	71	<10	3.22	5	14	16	68	4.47	.27	.71	1629	4	.03	3	.41	61	2.99	14	<2	116	<5	.03	<5	29	440	125
286475	.7	1.29	90	<5	69	<10	4.40	2	12	8	29	3.85	.26	.64	1412	3	.02	2	.36	53	1.90	11	<2	114	<5	.03	<5	28	194	42
286476	.2	1.39	55	<5	568	<10	.59	4	13	13	67	5.25	.16	.91	1092	3	.03	5	.38	81	.19	10	<2	41	<5	.05	<5	50	469	25
286477	.3	1.37	<5	<5	554	<10	1.42	3	9	33	19	3.12	.12	1.17	809	1	.04	5	.21	30	.10	3	<2	60	<5	.08	<5	38	300	12
286478	.2	.85	33	<5	352	<10	1.77	5	10	34	25	2.69	.28	.64	1028	2	.04	7	.19	43	.14	7	<2	101	<5	.03	<5	18	494	10
286479	.3	1.19	6	<5	369	<10	4.15	2	11	20	19	3.75	.23	1.29	1124	5	.03	5	.24	26	.34	10	<2	275	<5	.03	<5	28	105	8
286480	.3	1.14	33	<5	350	<10	3.02	1	9	48	23	3.03	.26	1.12	864	7	.05	5	.21	27	.37	6	<2	183	<5	.03	<5	30	84	5
286481	.2	.61	10	<5	128	<10	3.82	1	8	23	12	2.67	.15	1.04	854	3	.03	4	.24	29	.35	12	<2	257	<5	.03	<5	16	69	6
286482	.3	1.42	8	<5	322	<10	3.29	1	12	14	8	3.66	.17	1.30	947	2	.04	3	.31	14	.30	9	<2	166	<5	.03	<5	30	87	7
286483	.9	1.25	154	<5	127	<10	4.01	2	19	9	125	4.86	.26	1.09	1905	1	.03	4	.32	21	1.94	12	<2	175	<5	.03	<5	44	78	11
286484	1.5	.56	683	<5	69	<10	4.56	1	21	8	106	5.61	.25	.78	1870	1	.03	3	.30	29	4.33	18	<2	209	<5	.03	<5	22	77	70
286485	.3	1.87	119	<5	54	<10	4.66	2	22	7	59	5.57	.19	1.27	2118	1	.04	4	.32	25	1.87	17	<2	178	<5	.03	<5	76	87	6
286486	.9	2.15	129	<5	41	<10	3.08	1	21	6	67	6.03	.15	1.48	2530	2	.03	3	.31	36	1.93	10	<2	114	<5	.03	<5	97	96	25
286487	.3	1.55	426	<5	59	<10	5.97	2	19	9	44	5.25	.14	1.35	4389	1	.02	7	.27	30	2.70	10	<2	488	<5	.03	<5	73	68	19
286488	2.3	1.39	484	<5	56	<10	5.72	4	22	9	76	5.84	.21	.97	2952	2	.03	5	.30	142	4.23	22	<2	187	<5	.03	<5	55	306	32
286489	25.3	.29	181	<5	75	<10	.10	5	3	239	87	3.48	.10	.11	143	10	.02	5	.05	14961	3.20	28	<2	8	<5	.03	<5	13	545	195
286490	.2	.42	<5	<5	86	<10	.19	1	2	162	5	.99	.31	.11	407	6	.07	4	.03	15	.06	<2	<2	6	<5	.12	<5	7	53	9
286491	5.3	1.33	7	<5	208	<10	1.59	2	11	31	18	3.78	.38	.95	817	6	.04	3	.23	1166	1.93	13	<2	79	<5	.13	<5	44	127	7
286492	.3	1.20	<5	<5	579	<10	2.64	3	8	30	11	2.87	.16	1.05	848	1	.04	4	.17	191	.14	5	<2	131	<5	.03	<5	34	242	6
286493	.3	1.32	25	<5	727	<10	2.39	3	9	32	13	2.71	.15	1.14	837	1	.03	5	.21	43	.05	13	<2	117	<5	.03	<5	33	265	2
286494	1.5	1.33	93	<5	112	<10	1.92	10	8	31	40	5.34	.14	.91	806	5	.04	3	.19	133	2.55	13	<2	85	<5	.03	<5	37	963	25

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
286495	.2	.90	20	<5	538	<10	2.51	3	7	30	9	2.34	.16	.92	784	1	.03	2	.18	34	.06	8	<2	158	<5	.03	<5	23	282	15
286496	2.1	.55	194	<5	71	<10	.55	4	13	16	27	5.08	.18	.38	1004	3	.03	2	.23	111	3.43	18	<2	57	<5	.03	<5	20	346	85
286497	.3	1.57	8	<5	538	<10	1.77	4	12	8	26	4.13	.20	.94	791	1	.04	8	.54	40	.38	3	<2	94	<5	.03	<5	36	398	10
286498	4.1	.39	585	<5	31	<10	.53	8	13	19	32	10.22	.18	.25	487	3	.03	2	.21	230	11.49	32	<2	43	<5	.03	<5	29	933	240
286499	5.2	.45	636	<5	28	<10	.73	10	14	36	51	11.05	.23	.35	957	5	.02	3	.22	485	11.74	27	<2	56	<5	.03	<5	34	1053	435
286500	1.9	1.91	19	<5	109	<10	1.26	2	18	334	121	5.67	.21	.91	626	19	.13	262	1.02	49	.15	9	<2	57	<5	.15	<5	99	132	10875
A-1	.3	1.81	<5	<5	2468	<10	.72	1	15	33	13	3.33	.28	1.27	1315	2	.04	4	.27	32	.06	12	<2	141	<5	.28	<5	39	162	85
A-2	.3	1.19	31	<5	250	<10	.47	1	13	18	8	2.67	.25	.97	905	1	.03	4	.15	20	.01	14	<2	41	<5	.18	<5	22	182	56
A-3	.2	1.18	<5	<5	164	<10	.52	1	12	19	25	2.50	.23	.92	807	2	.02	3	.18	24	.01	7	<2	57	<5	.33	<5	26	179	245
A-4	.2	1.21	<5	<5	157	<10	.40	<1	11	12	4	2.81	.21	.97	731	1	.03	4	.04	31	.01	7	<2	32	<5	.48	<5	29	69	15
A-5	.8	1.48	<5	<5	434	<10	.66	2	13	20	10	3.28	.20	1.23	1156	1	.03	2	.24	25	.01	5	<2	29	<5	.03	<5	39	187	105
A-6	.2	1.37	<5	<5	186	<10	.56	<1	11	21	22	2.39	.18	1.12	863	1	.02	3	.22	24	.01	6	<2	50	<5	.18	<5	36	174	7
A-7	.3	1.67	30	<5	684	<10	.70	1	10	19	64	3.20	.19	1.20	1019	1	.03	3	.20	22	.08	9	<2	68	<5	.20	<5	35	170	85
A-8	.3	2.98	28	<5	235	<10	.39	2	19	17	42	5.42	.15	2.34	1561	2	.04	9	.10	30	.03	8	<2	32	<5	.20	<5	79	91	8
A-9	.2	1.47	24	<5	144	<10	.19	1	8	23	8	2.73	.21	1.21	941	1	.03	4	.13	19	.18	7	<2	9	<5	.08	<5	25	87	2
A-10	.4	.65	<5	<5	971	<10	.77	<1	4	32	5	1.01	.20	.40	575	2	.03	9	.07	15	.02	4	<2	70	<5	.03	<5	8	47	38
A-11	.2	1.55	<5	<5	148	<10	.99	1	14	54	26	3.02	.18	1.02	769	1	.04	17	.14	18	.01	3	<2	124	<5	.08	<5	36	59	36
A-12	.3	2.01	41	<5	474	<10	.23	1	9	15	24	4.32	.11	1.68	1001	1	.03	5	.16	32	.30	11	<2	15	<5	.23	<5	55	91	5
A-13	.2	.93	37	<5	188	<10	.60	<1	8	17	16	2.63	.28	.38	328	1	.04	6	.12	21	.01	3	<2	65	<5	.30	<5	34	88	3
A-14	.2	1.36	10	<5	5	<10	.01	<1	6	166	4	2.46	.01	1.29	838	5	.03	4	.03	21	.01	2	<2	<1	<5	.03	<5	19	82	5
A-15	.2	2.38	91	<5	310	<10	.39	1	5	25	28	5.43	.18	1.85	1273	1	.04	2	.18	39	.93	7	<2	13	<5	.45	<5	76	64	25
A-16	.2	2.53	28	<5	285	<10	.53	1	9	12	17	4.58	.15	2.31	1372	1	.04	3	.29	31	.03	8	<2	26	<5	.03	<5	49	102	110
A-17	.2	2.34	9	<5	70	<10	.53	2	27	35	60	5.99	.22	2.81	860	2	.03	19	.36	43	3.35	7	<2	11	<5	.35	<5	129	88	22
A-18	.2	1.85	48	<5	215	<10	.10	2	10	6	39	4.40	.18	1.03	863	6	.04	2	.12	44	.96	7	<2	10	<5	.05	<5	39	71	120
A-19	.2	1.58	<5	<5	47	<10	.11	<1	6	87	9	2.76	.06	1.37	852	5	.03	4	.06	27	.01	<2	<2	3	<5	.03	<5	43	48	5
A-20	1.1	.39	6	<5	111	<10	.02	<1	3	117	8	1.42	.10	.09	878	7	.03	2	.07	50	.04	2	<2	4	<5	.03	<5	18	132	8
A-21	.2	1.26	<5	<5	228	<10	.89	<1	15	61	74	1.83	.05	1.01	609	2	.04	9	.18	21	.01	<2	<2	134	<5	.35	<5	42	62	20
A-22	.2	1.65	65	<5	77	<10	.19	1	6	10	27	4.18	.10	1.48	1015	9	.04	4	.16	44	1.32	7	<2	6	<5	.23	<5	34	66	36
A-23	.2	3.43	171	<5	60	<10	1.61	2	19	18	46	5.50	.05	3.81	2332	3	.04	9	.23	89	.66	10	<2	16	<5	.20	<5	121	147	37
A-24	.2	.53	26	<5	540	<10	.22	<1	2	85	9	.80	.03	.38	224	7	.03	2	.02	12	.02	<2	<2	6	<5	.08	<5	9	21	61
A-25	.2	1.73	83	<5	162	<10	.24	1	5	9	27	4.35	.20	1.33	956	5	.04	3	.20	40	.15	8	<2	7	<5	.33	<5	33	62	9
A-26	.2	1.51	13	<5	143	<10	.28	1	6	10	23	4.25	.19	1.11	697	5	.04	2	.17	43	.62	11	<2	6	<5	.38	<5	32	54	18
A-27	.2	.72	37	<5	43	<10	.29	<1	8	108	8	1.90	.05	.41	457	6	.06	4	.08	16	.01	3	<2	32	<5	.10	<5	24	30	32
A-28	.2	1.97	28	<5	95	<10	.75	1	5	8	27	4.85	.13	1.69	924	35	.03	3	.93	51	.49	14	<2	27	<5	.20	<5	43	61	3
A-29	.2	.60	<5	<5	18	<10	.10	<1	6	82	9	1.41	.03	.40	403	3	.05	3	.11	14	.01	<2	<2	4	<5	.05	<5	19	25	285
A-30	.2	1.69	52	<5	155	<10	.21	<1	3	16	27	3.68	.23	1.30	713	6	.04	2	.20	37	.13	12	<2	7	<5	.38	<5	39	43	8
C-14	4.1	1.54	18	<5	70	11	.54	3	36	38	2161	8.69	.23	1.08	807	19	.03	7	.46	173	.09	15	<2	17	<5	.08	<5	128	349	1850
C-17	6.8	1.07	56	<5	71	<10	.61	3	36	37	1882	8.73	.20	.75	626	16	.03	4	.44	100	.02	22	<2	18	<5	.08	<5	143	153	2835
C-18	4.8	1.27	23	<5	98	<10	.51	3	60	33	1666	6.74	.18	1.01	819	9	.02	9	.26	58	.03	16	<2	13	<5	.08	<5	118	119	3045
C-19	3.8	1.26	62	<5	383	13	1.60	3	54	20	2244	6.85	.23	.94	772	6	.03	6	.38	62	.04	24	<2	33	<5	.10	<5	109	122	5125
C-20	10.7	.68	77	<5	54	<10	.37	2	16	31	408	9.06	.12	.34	455	32	.03	3	.33	232	.02	23	<2	15	<5	.08	<5	155	325	6090
C-21	10.8	.67	31	<5	39	<10	.49	1	13	38	330	8.33	.13	.36	505	36	.02	2	.30	200	.04	22	<2	13	<5	.05	<5	149	254	6890
C-22	28.1	.57	50	<5	37	<10	.28	2	14	45	568	8.90	.09	.39	482	57	.03	6	.27	371	.03	29	<2	10	<5	.08	<5	180	236	16750
C-23	8.1	.78	65	<5	64	<10	.67	2	15	51	244	9.28	.16	.37	806	26	.02	10	.47	178	.01	22	<2	20	<5	.08	<5	145	305	6110
C-24	18.0	.74	53	<5	46	<10	.39	3	18	45	399	10.00	.13	.38	582	18	.03	4	.34	310	.02	30	<2	13	<5	.08	<5	215	351	10820

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
C-25	11.5	.73	77	<5	69	<10	.33	2	19	55	296	7.68	.23	.34	407	29	.02	6	.28	211	.02	22	<2	12	<5	.08	<5	126	304	6210
C-26	6.2	1.25	77	<5	104	<10	.55	2	26	24	526	7.84	.21	.78	755	24	.03	3	.40	153	.02	22	<2	19	<5	.08	<5	125	440	4535
C-27	5.1	.84	21	<5	45	<10	.34	1	21	35	290	8.06	.11	.51	548	23	.02	4	.26	164	.01	23	<2	11	<5	.10	<5	141	409	2770
C-29	9.2	.75	27	<5	51	<10	.34	3	14	45	546	12.47	.10	.43	466	41	.03	6	.32	263	.03	34	<2	15	<5	.08	<5	202	506	3860
C-30	6.1	.48	59	<5	39	<10	.50	2	15	47	298	11.29	.09	.27	355	42	.02	3	.42	455	.01	44	<2	17	<5	.10	<5	201	462	7510

PIONEER LAI \TORIES INC. #103-2691 VISCOUNT WAY RICHMOI JC CANADA V6V 2R5 TELEPHONE (60 ./1-8165

TEUTON RESOURCES CORP.

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Project:
Sample Type: Rocks

Analyst _____
Report No. 2102746
Date: October 08, 2010

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S ppm	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	Au ppb
C-1	9.3	.67	123	<5	50	14	.31	<1	6	69	262	12.05	.08	.37	357	63	.03	3	.10	212	.07	35	<2	14	16	.05	<5	225	146	48250
C-2	4.3	.85	165	<5	68	<10	.50	<1	12	55	345	11.73	.17	.40	541	31	.03	2	.28	156	.01	40	<2	18	<5	.04	<5	197	279	37800
C-3	7.9	.86	142	<5	65	<10	.47	<1	14	57	279	11.60	.13	.46	581	27	.03	2	.20	228	.03	34	<2	15	11	.05	<5	219	331	45900
C-4	12.4	1.08	129	<5	50	20	.46	<1	24	53	457	11.33	.12	.68	754	20	.03	3	.10	170	.01	40	<2	12	7	.04	<5	188	408	98750
C-5	5.1	.92	115	<5	70	<10	.44	<1	21	38	255	11.30	.18	.50	563	18	.03	2	.16	107	.01	36	<2	14	10	.04	<5	172	348	35100
C-6	10.3	1.28	148	<5	94	<10	.59	<1	32	45	285	9.91	.33	.69	656	34	.03	4	.28	173	.01	43	<2	17	<5	.04	<5	160	466	94500
C-7	5.0	1.47	124	<5	79	<10	.47	<1	33	46	794	9.80	.24	.97	718	25	.03	7	.25	99	.06	29	<2	15	10	.05	<5	139	373	45950
C-8	6.2	1.28	135	<5	95	<10	.53	<1	22	50	252	9.59	.19	.86	753	17	.03	5	.27	147	.04	32	<2	14	11	.05	<5	127	273	40500
C-9	6.0	1.05	131	<5	89	<10	.49	<1	17	53	662	10.28	.26	.57	519	31	.03	3	.23	132	.01	27	<2	15	6	.05	<5	169	349	45900
C-10	3.5	1.62	145	<5	89	<10	.44	<1	25	32	1161	9.96	.22	1.04	727	16	.03	6	.43	78	.09	32	<2	14	<6	.03	<5	170	342	6150
C-11	7.2	1.88	174	<5	90	<10	.65	1	47	31	5957	9.14	.25	1.38	823	15	.03	11	.53	271	.38	15	<2	28	6	.06	10	127	470	21500
C-12	2.6	1.74	118	<5	103	<10	.54	<1	45	37	751	9.28	.32	1.19	961	9	.03	9	.42	86	.01	16	<2	15	<5	.05	7	137	479	32450
C-13	8.1	1.77	108	<5	82	<10	.43	<1	41	36	2366	10.27	.22	1.27	831	30	.03	10	.37	144	.17	20	<2	20	9	.03	<5	132	366	16200
C-14	5.3	1.21	163	<5	101	<10	.55	<1	22	31	4686	9.73	.33	.63	516	13	.03	4	.47	97	.42	24	<2	21	12	.05	6	145	407	21600
C-15	15.0	.52	112	<5	54	16	.35	<1	16	72	1144	10.16	.13	.24	428	33	.03	2	.33	149	.04	28	<2	15	13	.04	<5	180	277	162100
C-16	46.1	.56	70	<5	42	<10	.62	<1	17	73	2659	8.82	.09	.29	426	34	.03	3	.16	215	.19	18	<2	17	8	.02	<5	163	268	654000
C-17	7.6	1.25	191	<5	47	<10	.64	<1	29	50	1936	12.64	.12	.91	670	17	.03	6	.55	115	.01	42	<2	20	17	.06	12	210	315	89150