31340

ASSESSMENT REPORT ON DIAMOND DRILLING WORK ON THE FOLLOWING CLAIM

#529078

STATEMENT OF EXPLORATION EVENTS
4354713
4430988

Located

19 KM SOUTHEAST OF
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION

55 degrees 48 minutes latitude
129 degrees 47 minutes longitude

N.T.S. 103P/13W
MTRM 103P071, 072, 081, 082

PROJECT PERIOD July 23, 2009 to August 9, 2009

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

REPORT BY

D. Cremonese, P. Eng.
207-675 W. Hastings
Vancouver, B.C. V6B 1N2

Date: June 16, 2010

BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
DIAMOND DRILLING	$ 89,782

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

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)

4354713 & # 4430988

PROPERTY NAME CLONE

CLAIM NAME(S) (on which work was done) # 529078

COMMODITIES SOUGHT Au, Cu, Co

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION SKEENA NTS 103 P/13W

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

OWNER(S)

1) TEUTON RESOURCES CORP
SILVER GRAIL RESOURCES

2) _____

MAILING ADDRESS

207 - 675 W. HASTINGS ST.
VANCOUVER, B.C. V6B 1N2

OPERATOR(S) [who paid for the work]

1) AS ABOVE

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) FACIES.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS # 24 938, # 26105, # 27297 & # 28380.

(OVER)

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	5 DIAMOND DRILL HOLE - 337 M	#529078 say, 90%	$80,804
Non-core			
RELATED TECHNICAL			
Sampling/assaying	210 Au, 30 ELEMENT ICP	#529078 say, 10%	$8,978
Petrographic			
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	$89,782

TABLE OF CONTENTS

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. Fig. 2 also indexes the location of Fig. 4, which shows the areas drilled during the 2009 program.

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.

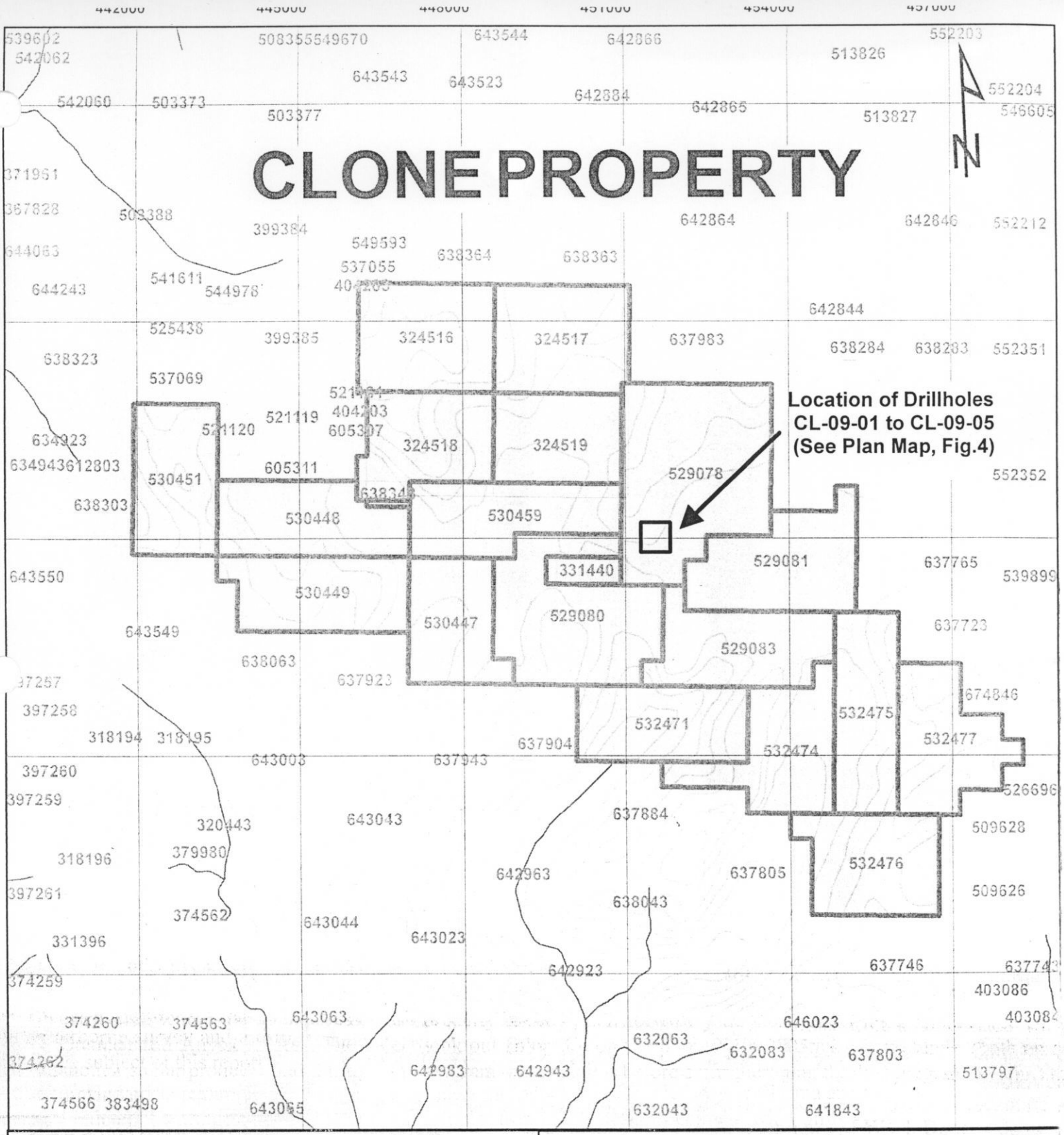
Teuton Resources Corp. is the operator.

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

TEUTON RESOURCES CORP.		
CLONE PROPERTY		
2009 Assessment Report		
NTS No. 103P	Skeena Mining Division	
PROPERTY LOCATION MAP		
Tenures: 331439-331440 340012-340013,367358 367359,397737,529083 532471,532474-532477	Date: Jan 2010	Fig: 1

g,l



Legend

- Topographic Contours
- River
- Other Mineral Claims
- Clone Property

TEUTON RESOURCES CORP.

CLONE PROPERTY

2009 Assessment Report

N.T.S. 103P/13W MTRM 103P071, 072, 081, 082 Skeena Mining Division

CLAIM MAP

Tenures:	Date:	Fig:
324516-324519,331440 530448-530451,529080-529083,532474-532477	Jan 2010	2

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.

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 both an airborne survey and a drill program 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. 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.

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

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

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

10. KRUCHKOWSKI, E. (1996); Assessment Report on Geochemical Program—Clone 1 Claim, on file with BCMEMPR.

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

12. 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 2009 diamond drilling program on the Clone property was part of a larger program covering several Stewart area properties spanning the period from July 23 to September 20, 2009. Primary field crew consisted of geologist Amanda Mullin and the author, with some occasional help by geochemist Ricardo Rosslin.

Some 36 holes were drilled in two phases on the Clone property in 2009, however the instant report only covers the first 5 holes (up to August 9, 2009). The remainder of the holes drilled will be the subject of another assessment report to be filed within a matter of months.

Field crew and drill crew were shuttled in and out of the property daily by a contract Hughes 500 machine, supplied by Prism Helicopters of Stewart, BC. Drill contractor was Morecore Diamond Drilling Services based in Stewart, BC. The first three drill pads were constructed by Minconsult Exploration Services Ltd. Granmac Services acted as expediter and the drillcore was diamond-sawed at Mountain Boy Minerals facility in Stewart.

The first five holes amounted to 337.1 meters from which 210 samples were taken. 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).

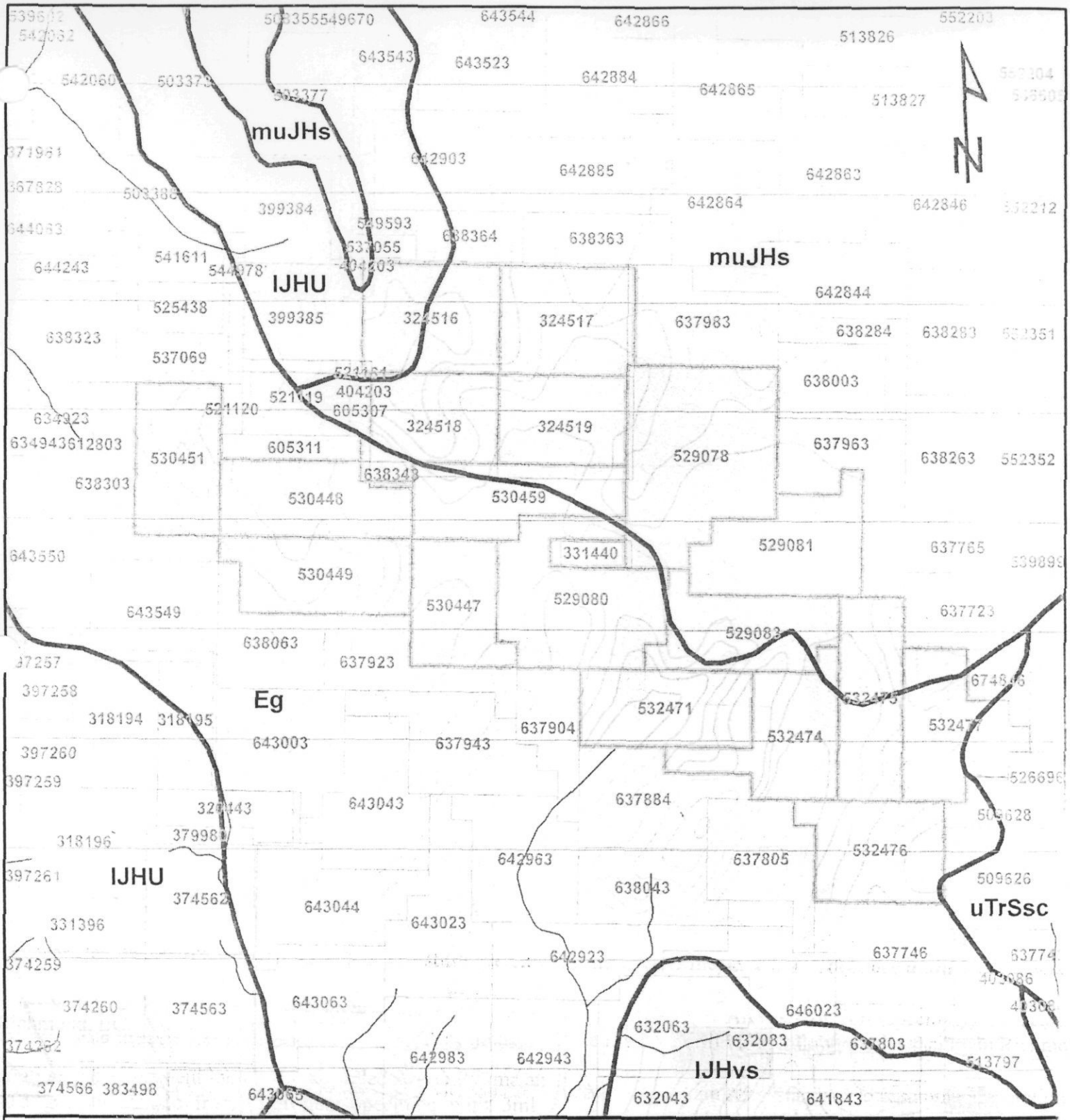
Intrusive phases in the region include Late Triassic calc-alkaline intrusives, coeval with Stuhini volcanic rocks, Early to Middle Jurassic intrusives that are variable in composition and roughly coeval with the Hazelton group volcanics. Also present are Eocene age intrusives, part of the Coast Plutonic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



Legend

1Km

muJHs	Hazelton Group; undivided sedimentary rocks	IJHU	Hazelton Group; andesitic volcanics
uTrSsc	Stuhini Group; clastic sedimentary rocks	IJHvc	Hazelton Group; volcaniclastic rocks
Eg	Middle Eocene-undivided intrusives		Ice

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CLONE PROPERTY

2009 Assessment Report

NTS No. 103P — Skeena Mining Division

REGIONAL GEOLOGY MAP

Tenures:	Date:	Fig:
324516-324519,331440 530448-530451,529080-529083,532474-532477	Jan 2010	3

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 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 facies ranges from hematite-specularite to massive magnetite. The massive sulfides are pyrite-pyrrhotite-arsenopyrite. The distriubtion 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 2009 program was designed to test the Clone Main Zone mineralization at shallow angles, in conformance with the perceived attitude of the gold-bearing shoots with the zone. Morecore Diamond Drilling of Stewart, BC supplied an underground-type drill, capable of drilling holes at all dips from 90 degrees to horizontal. This was the first time that such a drill had been used on the property.

A lingering, deep snow pack at higher elevations made accurate positioning of the holes in relation to the shear zones difficult. When drilling began in early August, much of the area of interest was still covered with snow. The first five holes were drilled from the same location, but the azimuths were changed in an attempt to intersect the shears.

A summary of these first five drill holes follows:

Hole #	Target	Azimuth (deg.)	Dip (deg.)	Length (m)
CL09-1	H-1	275	0	33.22
CL09-2	H-1	270	10	91.44
CL09-3	H-1	270	20	77.72
CL09-4	H-1	270	30	65.53
CL09-5	H-1	278	40	69.19

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.

The entire core for Holes CL09-01 to 05, inclusive, 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 Fig. 4. Sections are presented in Figs. 6, 7, 8, 9 & 10.

c. Discussion

Significant intersections from the first five holes are summarized below.

Hole #	From (m)	To (m)	Interval (m)	Gold (ppb)
CL09-01	1.52	3.04	1.52	12,160
CL09-02	35.05	35.97	0.91	13,510
	51.21	52.73	1.52	1,780
CL09-03	53.96	55.79	1.83	7,890

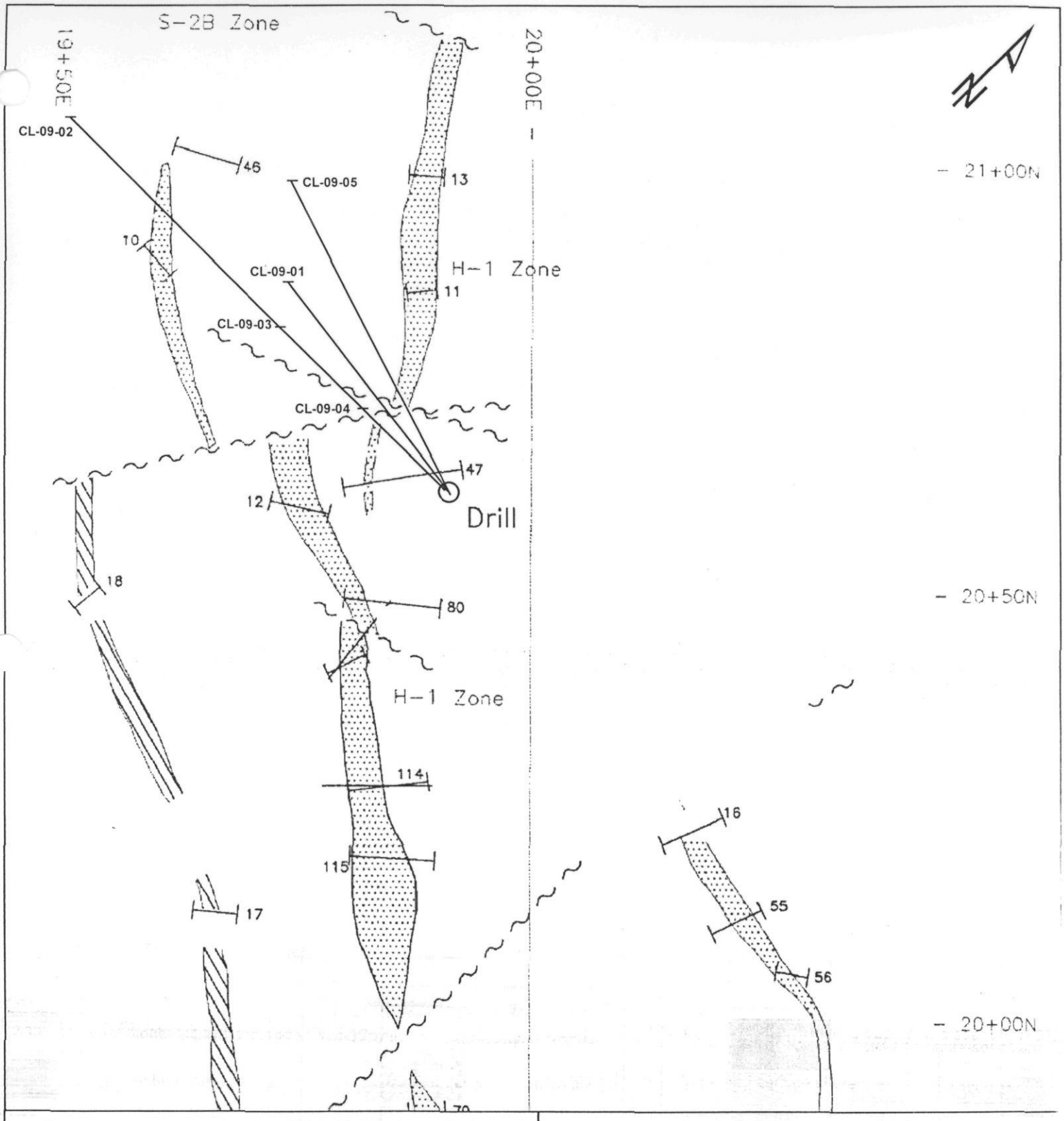
The first three holes intersected narrow intervals of modest to medium-grade gold values. The last two holes intersected no significant values.

After the snow had melted away, it became obvious that these holes had been collared in a section of the H-1 structure where the zone splits apart probably due to faulting. Observing the sections, it is apparent that there is rapid difference in structure with depth.

D. Core Details, Field Procedure and Labratory 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.



Legend

- H-1 Zone (Gold rich)
- Sulphide Zone
- 109 Trench
- Drillhole Collar and Direction (Drill depth projected to surface)

TEUTON RESOURCES CORP.

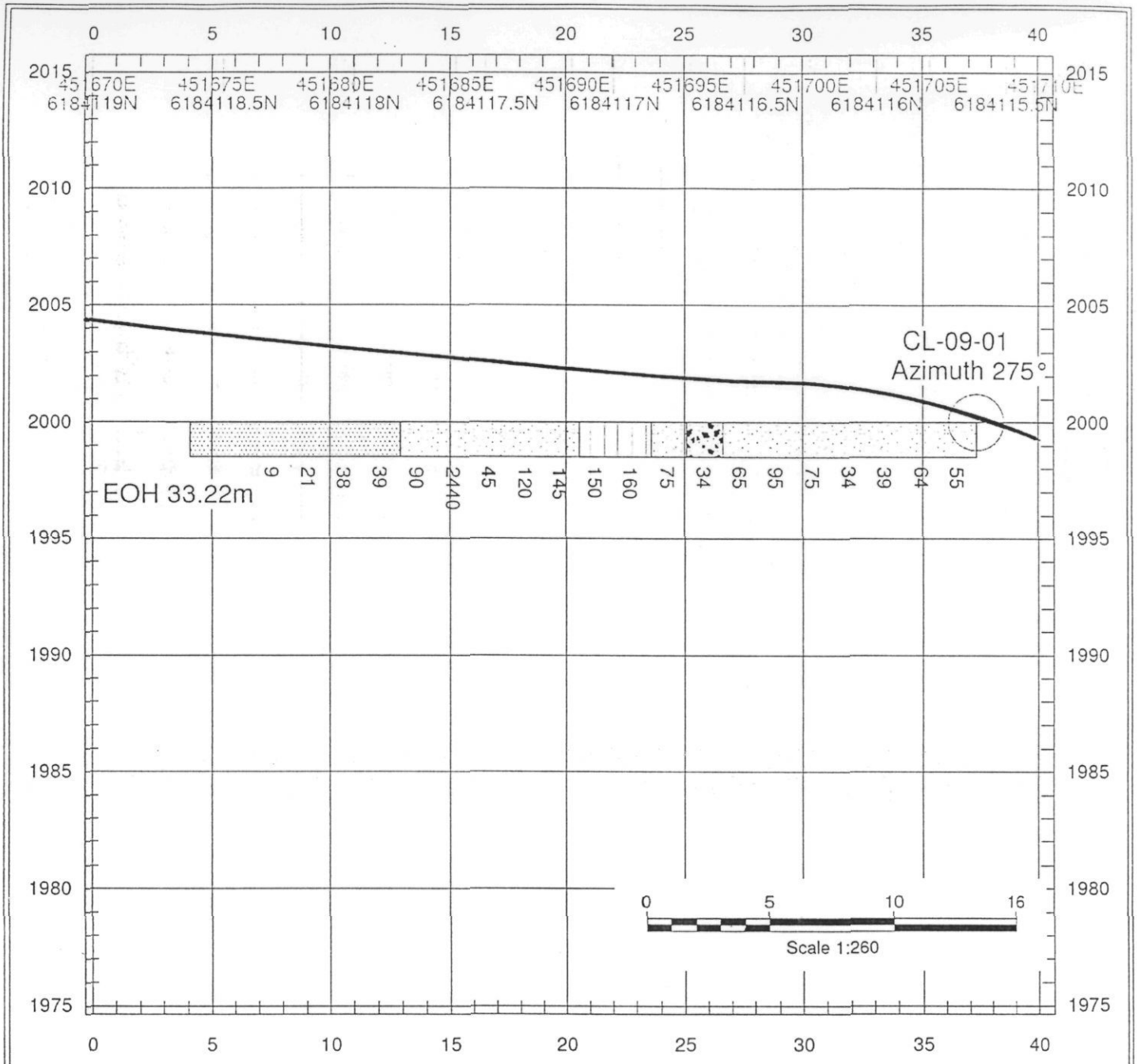
CLONE PROPERTY

2009 Assessment Report

NTS No. 103P — Skeena Mining Division

Diamond Drilling Program Plan Map
Holes CL-09-01 To CL-0905

Tenures:	Date:	Fig:
324516-324519,331440 530448-530451,529080-529083,532474-532477	Jan 2010	4



GEOLOGICAL LEGEND

- Light grey to green aphanitic to fine grained andesite, variably altered.
- Andesitic pyroclastics, intercalated with andesite, blebby and dissem Pyr~5%
- Augite Porphyritic Dyke, chlorite and sericite altered.
- Fault Zone- highly fractured rock, 20-30% fault gauge, brecciated textures.

RHS Postings

A = Au (ppb)

A

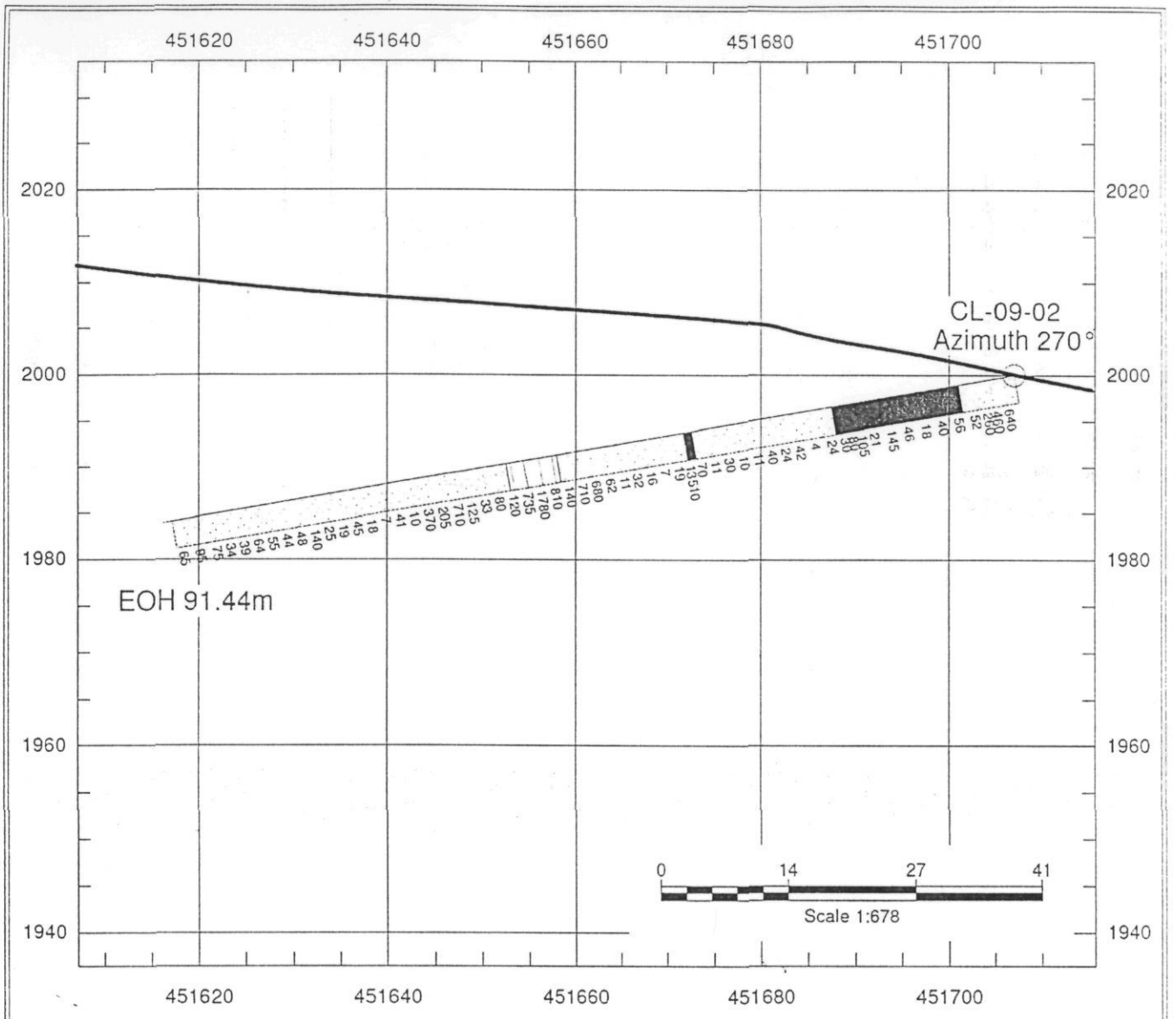
A - 0.0

TEUTON RESOURCES CORPORATION

CLONE PROJECT, STEWART, B.C., SKEENA M.D

GEOLOGICAL AND ASSAY SECTION SHOWING CL-09-01

Fig. 5		Scale 1:260.488
		Date :27/01/2010



GEOLOGICAL LEGEND

Andesitic Pyroclastics, intercalated with andesite, blebby and dissem Pyr ~5%

Fault Zone- 20-30% fault gauge, brecciated textures, limonite altered

Massive hematite-specularite zone, moderate qtz/calc stockwork, trace Cpy

RHS Postings

A = Au (ppb)

A

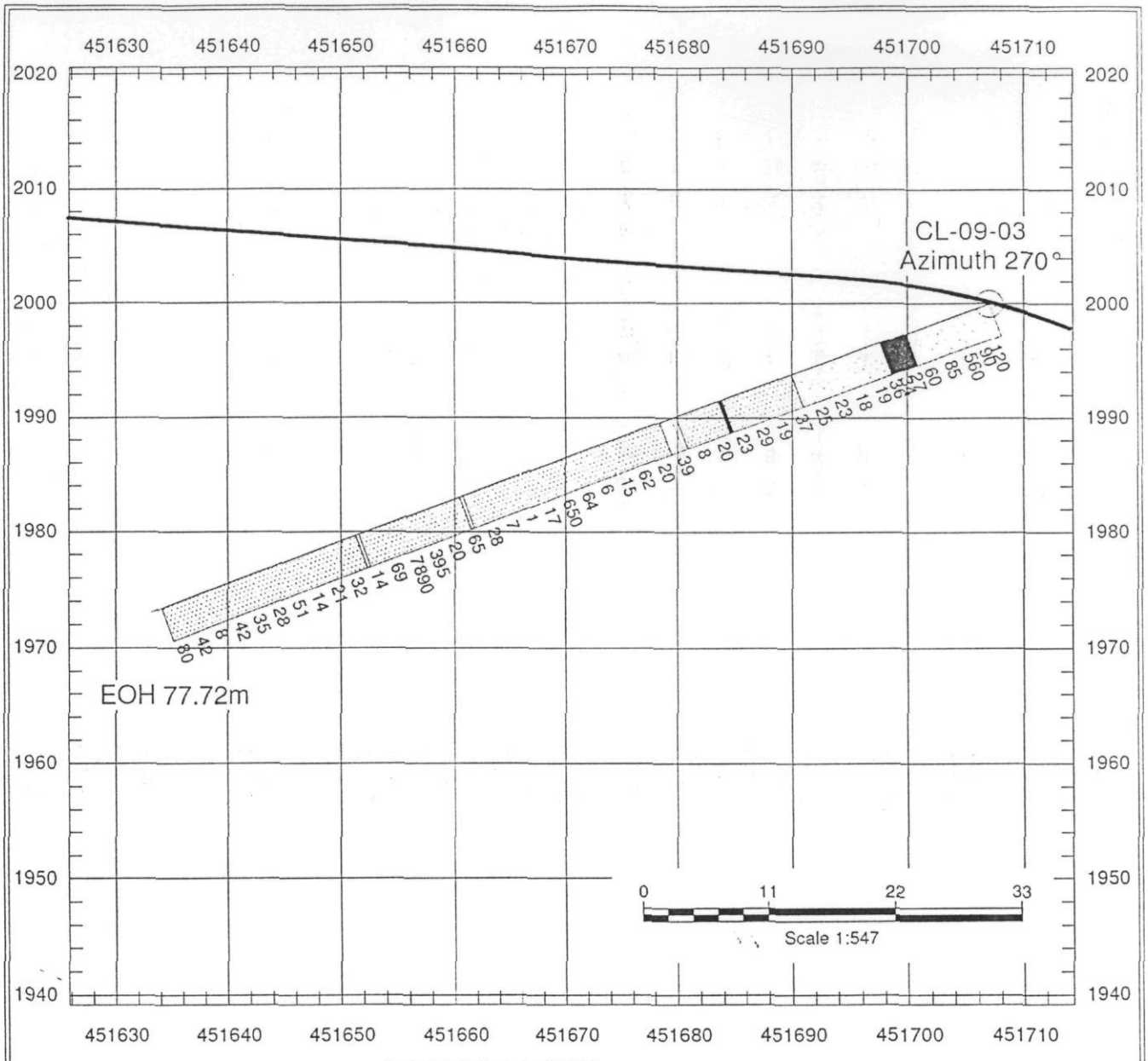
A - 0.0

TEUTON RESOURCES CORPORATION

CLONE PROJECT, STEWART, B.C., SKEENA M.D

GEOLOGICAL AND ASSAY SECTION SHOWING CL-09-02

Fig. 6		Scale 1:677.987
		Date :27/01/2010



GEOLOGICAL LEGEND

- Light grey to green aphanitic to fine grained andesite, variably altered
- Andesitic pyroclastics, intercalated with andesite, blebby and dissem Pyr ~5%
- Fault Zone- highly fractued rock, 20-30% fault gauge, brecciated textures.
- Massive hematite-specularite zone, moderate qtz/calc stockwork, trace cpy

RHS Postings
A = Au (ppb)
A
A - 0.0

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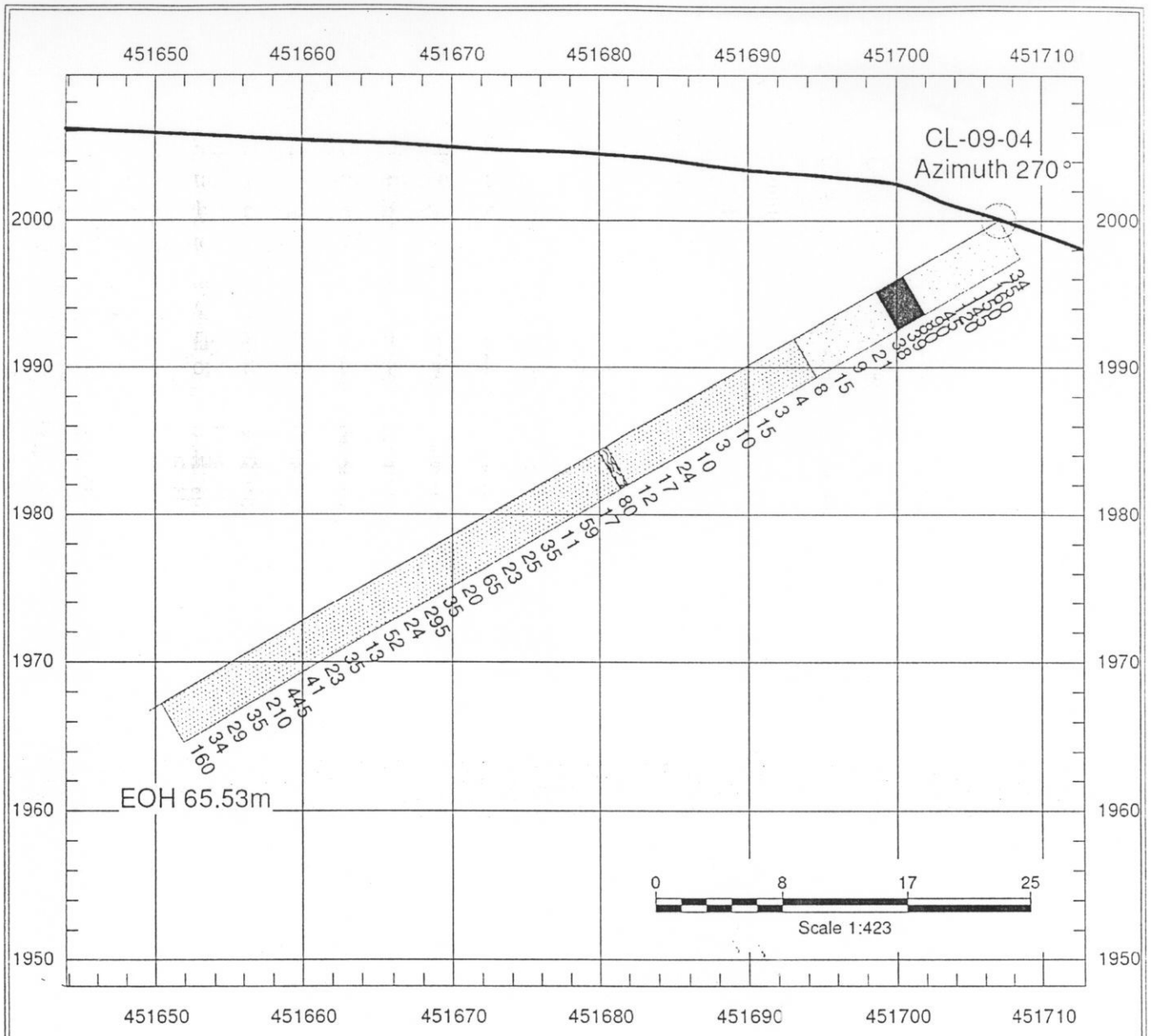
CLONE PROJECT, STEWART, B.C., SKEENA M.D

GEOLOGICAL AND ASSAY SECTION
SHOWING CL-09-03

Fig. 7		Scale 1:547.379
		Date :27/01/2010



GEOLOGICAL LEGEND

- Andesitic pyroclastics, intercalated with andesite, blebby and dissem Pyr~5%
- Massive hematite-specularite zone, moderate qtz/calc stockwork, trace Cpy
- Light grey to green aphanitic to fine grained andesite, variably altered
- Mottled-sheared andesitic pyroclastics, abundant chlorite + sericite stringers

RHS Postings

A = Au (ppb)

A

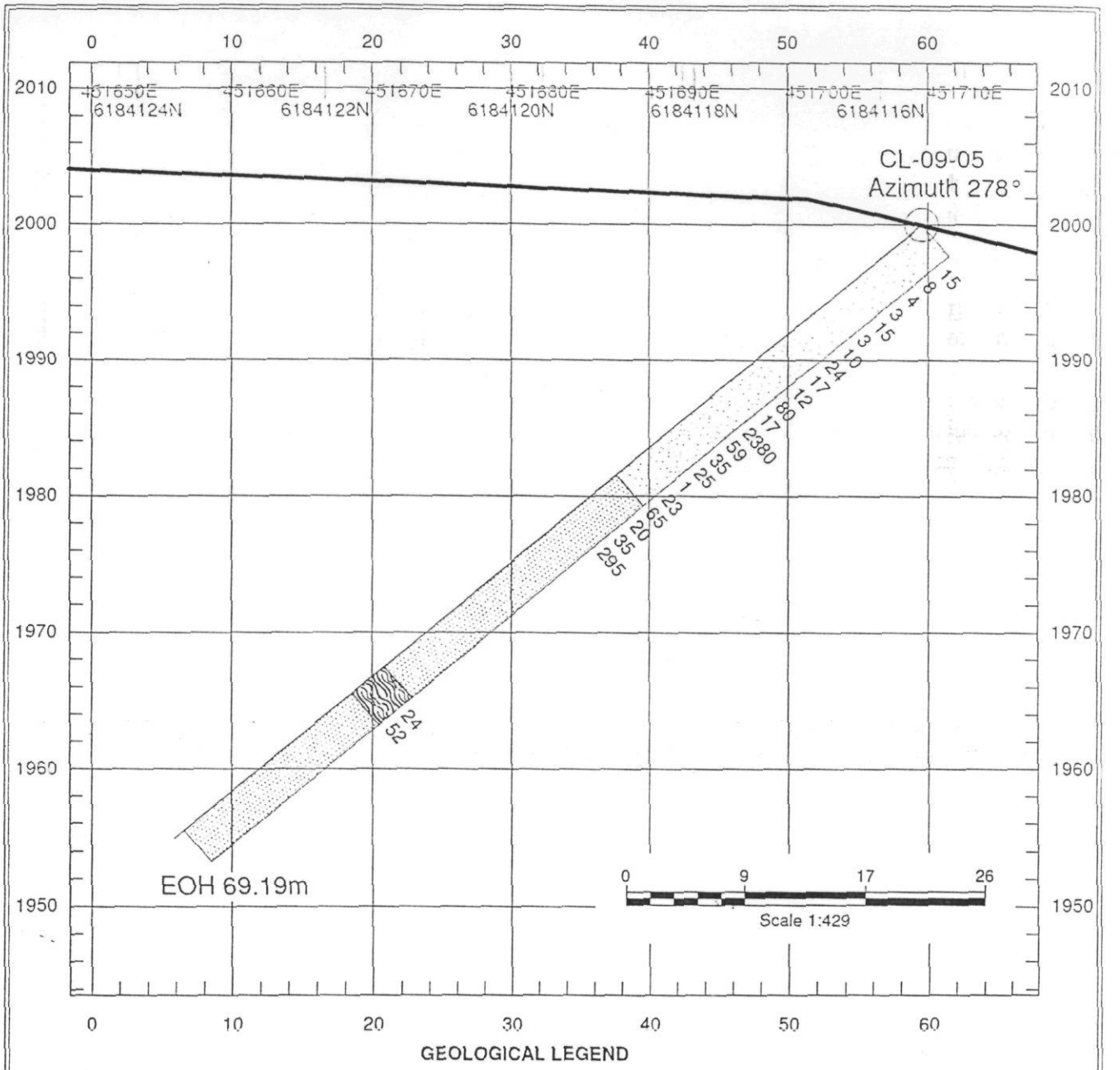
A - 0.0

TEUTON RESOURCES CORPORATION

CLONE PROJECT, STEWART, B.C., SKEENA M.D

GEOLOGICAL AND ASSAY SECTION SHOWING CL-09-04

Fig. 8		Scale 1:423.221
		Date :27/01/2010



GEOLOGICAL LEGEND

Light grey to green, aphanitic to fine grained andesite, variably altered

Andesitic pyroclastics, intercalated with andesite, blebby and dissem Pyr~5%

Mottled-sheared andesitic pyroclastics, abundant chlorite and sericite stringers

RHS Postings

A = Au (ppb)

A

A - 0.0

TEUTON RESOURCES CORPORATION

CLONE PROJECT, STEWART. B.C., SKEENA M.D

GEOLOGICAL AND ASSAY SECTION SHOWING CL-09-05

Fig. 9		Scale 1:429.17
		Date :31/01/2010

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.

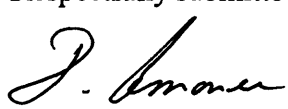
After standard rock sample preparation, the 30 element Inductively Coupled Argon Plasma analysis was initiated by digesting a 0.5 gm sub-sample from each field specimen with 3ml 3-1-2 HCl-HNO3-H20 at 95 deg. C for one hour, followed by dilution to 10 ml with water. The Atomic Absorption measurement for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

E. Conclusions

Deep snow precluded an ideal spotting of the first five holes. Although narrow widths of modest to medium grade gold values were obtained during the program, hole-to-hole comparisons show erratic continuity.

Subsequent drilling proved more effective and will be the subject of an assessment report to be completed within the following months.

Respectfully submitted,



D. Cremonese, P.Eng.
June 16, 2010

APPENDIX I - WORK COST STATEMENT

Field Personnel—Period July 23 to August 9, 2009:	
A. Mullin, Geologist	
16 days @ $350/day	5,600
D. Cremonese, P.Eng. (Supervision)	
12 days @ $500/day	6,000
Helicopter – Prism Helicopters (Stewart Base)	
July 25, Aug. 1, 3, 4, 5, 6, 7, 8. & 9 2009	
Pad building, drill/crew/equipment/core mob	
26.3 hours @ $1,188.58/hr.	31,260
Drilling Contract Costs (Morecore Diamond Drilling Ltd.)	
Meterage Charge: 337m @ $79.23/m	26,700
Mob/Machine Field Cost/Labor Field Cost/Standby	5,911
Core boxes: 55 @ 12.60	693
Drill crew room and board 4 men x 5 days @ $65/day	1,300
Food/accomodation for field personnel	
28 man-days @ $60/man-day	1,680
Workman's compensation	
2.37% of $11,600	275
Pad Builders Contract (Minconsult Exploration Services)	
1/3 of $9,555.00	3,185
Assay costs—Pioneer Labs	
Au geochem + 30 elem. ICP + rock sample prep	
210 @ $24.66/sample	5,178
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 2.0 days @ $500/day	1,000
Draughting/drill logs—Amanda Mullin	1,000
TOTAL..... $89.782	

Amount Claimed Per Statement of Exploration #4354713	$41,500
Amount Claimed Per Statement of Exploration #4430988	$20,300
	$61,800

[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 2009 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 16th day of June, 2010.

D. Cremonese, P.Eng.

APPENDIX III

DIAMOND DRILLING LOGS

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-01 Location: Clone Property Date: Aug10/09 Logged By: Amanda Mullin
Azimuth: 275 degrees Dip: 0 degrees Depth: 33.22m

From (m)	*To (m)*	*Rock Type*	*Geological Description: Mineralization, Structure, Alteration*
0	24.38	Andesitic Pyroclastics	Andesitic pyroclastics intercalated with andesite. Clasts range in size from 0.5-2cm and are matrix supported. Andesite is light grey to green, typically massive, fine-grained with visible hornblend crystals (~1-2mm) locally. Qtz/Calcite ~1-4mm stockwork pervasive throughout. Hematite occurs in its semimassive form throughout. <2% Pyr occuring as blebs and fine disseminations. 0-3.05m : semi-massive hematite 10.67-12.19m : Augite Porphyritic dyke 13.72-16.76m : highly fractured rock, 1% fault gauge, slightly brecciated textures apparent at 55m. 18.29-21.54m : hematite alteration int. increases, disseminated Pyr ~3%
24.38	33.22	Andesite	Light grey to green, massive, fine-grained to aphanitic andesite. Low to moderate Qtz/Calcite veining (~0.5-1cm) running parallel to core axis. Low hematite alteration seen as wisps throughout the section. **33.22m E.O.H**

Sample Interval

Sample No.	*From (m)*	*To (m)*	*Width (m)*	*Au (ppb)*
283164	0	1.524	1.52	37
283165	1.524	3.048	1.52	12160
283166	3.05	4.57	1.52	390
283167	4.57	6.10	1.52	21
283168	6.10	7.62	1.52	61
283169	7.62	9.14	1.52	9
283170	9.14	10.67	1.52	7
283171	10.67	12.19	1.52	36
283172	12.19	13.72	1.52	17
283173	13.72	15.24	1.52	21
283174	15.24	16.76	1.52	260
283175	16.76	18.29	1.52	61
283176	18.29	19.81	1.52	15
283177	19.81	21.34	1.52	125
283178	21.34	22.86	1.52	385
283179	22.86	24.38	1.52	16
283180	STD	STD	STD	2510
283181	24.38	25.91	1.52	25
283182	25.91	27.43	1.52	16
283183	27.43	28.96	1.52	33
283184	28.96	30.48	1.52	9

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-02 Location: Clone Property Date: Aug14/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: -10 degrees Depth: 91.44m

From (m)	To (m)	Rock Type	Geological Description: Mineralization, Structure, Alteration	Sample Interval: Sample No.	From (m)	To (m)	Width (m)	Au (ppb)
0	91.44	Andesitic Pyroclastics	Andesitic pyroclastics intercalated with andesite. Clasts range in size from 0.5-2cm and are matrix supported. Andesite is light grey to green, typically massive, fine-grained with visible hornblend crystals (~1-2mm) locally. Qtz/Calcite ~1-4mm stockwork pervasive throughout. Unit is locally brecciated and sheared, moderately altered by chlorite. Hematite occurs in its semimassive to massive form throughout, <2% Pyr occuring as blebs and fine disseminations.	283049	0.00	1.83	1.83	640
				283050	1.83	2.74	0.91	460
				283051	2.74	3.66	0.91	260
				283052	3.66	5.49	1.83	52
				283053	5.49	7.32	1.83	56
				283054	7.32	9.14	1.83	40
				283055	9.14	10.97	1.83	18
				283056	10.97	12.80	1.83	46
				283057	12.80	14.63	1.83	145
				283058	14.63	16.46	1.83	21
				283059	16.46	17.37	0.91	105
				283060	STD	STD	STD	2430
				283061	17.37	18.29	0.91	80
			0-6.10m : highly fractured, limonite alterations apparent on fracture surfaces.	283062	18.29	19.20	0.91	30
				283063	19.20	21.03	1.83	24
				283064	21.03	22.86	1.83	4
			6.10-19.81m : massive hematite, moderate 1-4mm Qtz/Calcite wisps.	283065	22.86	24.38	1.52	42
				283066	24.38	25.91	1.52	24
				283067	25.91	27.43	1.52	40
			35.05-35.97m : massive hematite, slightly brecciated, moderate 1-4mm Qtz/Calcite irregular veining.	283068	27.43	28.96	1.52	11
				283069	28.96	30.48	1.52	10
				283070	30.48	32.00	1.52	30
				283071	32.00	33.53	1.52	11
			46.02-46.63m : ~5% blebby Pyr, tr Aspy, trace Cpy, semi-massive hematite.	283072	33.53	35.05	1.52	70
				283073	35.05	35.97	0.91	13510
				283074	35.97	37.49	1.52	19
			49.99-55.47m : fault breccia, highly fractured, subangular andesitic clasts, ~5% fault gauge, limonite alteration on	283075	37.49	39.01	1.52	7
				283076	39.01	40.54	1.52	16
				283077	40.54	42.06	1.52	32

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-02 Location: Clone Property Date: Aug14/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: -10 degrees Depth: 300ft

From (m)	*To (m)*	*Rock Type*	*Geological Description: Mineralization, Structure, Alteration*
			fracture planes.
			79.25m : 20cm massive Qtz/Calcite vein, ~5% blebby Pyr
			82.26-86.56m : Massive Qtz/Calcite vein, ~2% blebby Pyr.
			91.44m E.O.H

	Sample Interval			
Sample No.	*From (m)*	*To (m)*	**Width (m)**	**Au (ppb)**
283078	42.06	43.59	1.52	11
283079	43.59	45.11	1.52	62
283080	STD	STD	STD	2440
283081	45.11	46.63	1.52	680
283082	46.63	48.16	1.52	710
283083	48.16	49.68	1.52	140
283084	49.68	51.21	1.52	810
283085	51.21	52.73	1.52	1780
283086	52.73	54.25	1.52	735
283087	54.25	55.78	1.52	120
283088	55.78	57.30	1.52	80
283089	57.30	58.83	1.52	33
283090	BLANK	BLANK	BLANK	5
283091	58.83	60.35	1.52	125
283092	60.35	61.87	1.52	710
283093	61.87	63.40	1.52	205
283094	63.40	64.92	1.52	370
283095	64.92	66.45	1.52	10
283096	66.45	67.97	1.52	41
283097	67.97	69.49	1.52	7
283098	69.49	71.02	1.52	18
283099	71.02	72.54	1.52	45
283100	STD	STD	STD	2430
283101	72.54	74.07	1.52	19
283102	74.07	75.59	1.52	25
283103	75.59	77.11	1.52	140
283104	77.11	78.64	1.52	48
283105	78.64	80.16	1.52	44
283106	80.16	81.69	1.52	55

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-02 Location: Clone Property Date: Aug14/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: -10 degrees Depth: 300ft

From (m)	*To (m)*	*Rock Type*	*Geological Description: Mineralization, Structure, Alteration*	*Sample Interval*			
				Sample No.	***From (m)***	***To (m)***	**Width (m)**	**Au (ppb)**
				283107	81.69	83.21	1.52	64
				283108	83.21	84.73	1.52	39
				283109	84.73	86.26	1.52	34
				283110	86.26	87.78	1.52	75
				283111	87.78	89.61	1.83	95
				283112	89.61	91.44	1.83	65

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-03 Location: Clone Property Date: Aug09/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: -20 degrees Depth: 77.72m

From (m)	To (m)	Rock Type	Geological Description: Mineralization, Structure, Alteration	Sample Interval				
				Sample No.	From (m)	To (m)	Width (m)	Au (ppb)
0	18.14	Andesitic Pyroclastics	Unit as a whole is intermediate, light grey to dark green in colour with moderate to intense hematitic alteration throughout. Hematite occurs in its semimassive to massive form, and is blood red in colour. This unit contains weak to moderate brecciated and partially sheared sections. Clasts are subangular and range from ash-lapilli to volcanic bomb in size. Limonitic alteration is apparent on fracture surfaces and chlorite alteration is weakly displayed throughout section. Overall, rock is competant. 2mm-1cm Qtz/Calcite veins occur in low abundance at ~30 degrees to core axis. Pyrite (<2%) occurs as disseminated grains as well as in blebs associated with and partially rimming Qtz/Calcite veins. 4.57m : highly fractured rock limonitic alteration on fracture planes 5.64m : 3cm wide serecitized qtz vein at 40 degrees to core axis 7.62-10.0m : massive blood red hematite	283001	0	0.915	0.91	120
				283002	0.9146	1.829	0.91	90
				283003	1.8293	3.659	1.83	560
				283004	3.6585	5.488	1.83	85
				283005	5.4878	7.317	1.83	60
				283006	7.3171	8.232	0.91	27
				283007	8.2317	9.146	0.91	34
				283008	9.1463	10.06	0.91	36
				283009	10.061	11.89	1.83	19
				283010	11.89	13.72	1.83	18
				283011	13.72	15.55	1.83	23
				283012	15.55	17.38	1.83	25
				283013	17.38	19.21	1.83	37
				283014	19.21	21.04	1.83	19
				283015	21.04	22.87	1.83	29
				283016	22.87	24.70	1.83	23
				283017	24.70	26.52	1.83	20
				283018	26.52	28.35	1.83	8
				283019	28.35	30.18	1.83	39
				283020	STD	STD	STD	2480
				283021	30.18	32.01	1.83	20
				283022	32.01	33.84	1.83	62
				283023	33.84	35.67	1.83	15
				283024	35.67	37.50	1.83	6
				283025	37.50	39.33	1.83	64
				283026	39.33	41.16	1.83	650
				283027	41.16	42.99	1.83	17
				283028	42.99	44.82	1.83	1
				283029	44.82	46.65	1.83	7

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-03 Location: Clone Property Date: Aug09/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: 0 degrees Depth: 77.72m

From (m)	To (m)	Rock Type	Geological Description: Mineralization, Structure, Alteration
			17.07-17.37m : Porphyritic texture, pxy
			24.69-24.99m : massive hematite replacement
			28.96- 30.48m : rock highly fractured ~2% fault gauge
18.14	77.72	Andesite	Fine grained to aphanitic andesite. Dark green to grey in colour. Low to mod hematitic alteration which can be seen as wisps throughout the unit and also replacing Qtz/Calcite veins <2% Pyr occurs as nodules and fine disseminations.
			32.92m : large euedral pyrite crystals associated with large 10cm Qtz/Calcite vein @ 30 degrees to core axis.
			36.42-48.16m : abundant irregular 1mm-5mm Qtz/Calcite veins
			49.38-49.68m : shear zone
			52.12-55.47m : intense hematite alteration, Pyr abundance increases ~3%
			59.13-59.44m : rock highly fractured,

	Sample Interval			
Sample No.	From (m)	To (m)	Width (m)	Au (ppb)
283030	46.65	48.48	1.83	28
283031	48.48	50.30	1.83	65
283032	50.30	52.13	1.83	20
283033	52.13	53.96	1.83	395
283034	53.96	55.79	1.83	7890
283035	55.79	57.62	1.83	69
283036	57.62	59.45	1.83	14
283037	59.45	61.28	1.83	32
283038	61.28	63.11	1.83	21
283039	63.11	64.94	1.83	14
283040	STD	STD	STD	2480
283041	64.94	66.77	1.83	51
283042	66.77	68.60	1.83	28
283043	68.60	70.43	1.83	35
283044	70.43	72.26	1.83	42
283045	BLANK	BLANK	BLANK	5
283046	72.26	74.09	1.83	8
283047	74.09	75.91	1.83	42
283048	75.91	77.74	1.83	80

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-03 Location: Clone Property Date: Aug09/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: 0 degrees Depth: 77.72m

					Sample Interval			
From (m)	***To (m)***	***Rock Type***	***Geological Description: Mineralization, Structure, Alteration***	***Sample No.***	***From (m)***	***To (m)***	**Width (m)**	**Au (ppb)**
			intense limonitic and hematitic alteration					
			77.72 E.O.H					

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-04 Location: Clone Property Date: Aug09/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: -30 degrees Depth: 65.53m

From (m)	To (m)	Rock Type	Geological Description: Mineralization, Structure, Alteration	Sample Interval				
				Sample No.	From (m)	To (m)	Width (m)	Au (ppb)
0	16.15	Andesitic Pyroclastics	Unit as a whole is intermediate, light grey to dark green in colour with moderate to intense hematitic alteration throughout. Hematite occurs in its semimassive to massive form, and is light pink to blood red in colour. Clasts are subangular to angular and range in size from 3mm-2cm. Rock is competant overall. Irregular ~2mm-1cm Qtz/Calcite veins and wisps apprent throughout section. Pyrite is in low abundance and is found in nodules or as fine disseminations.	283113	0.00	0.91	0.91	34
				283114	0.91	1.83	0.91	75
				283115	1.83	2.74	0.91	160
				283116	2.74	3.66	0.91	150
				283117	3.66	4.57	0.91	145
				283118	4.57	5.49	0.91	120
				283119	5.49	6.40	0.91	45
				283120	STD	STD	STD	2440
				283121	6.40	7.32	0.91	90
				283122	7.32	8.23	0.91	80
				283123	8.23	9.15	0.91	39
				283124	9.15	10.67	1.52	38
				283125	10.67	12.20	1.52	21
				283126	12.20	13.72	1.52	9
			0-3.10m : highly fractured rock. limonitic alteration apparent on fracture surfaces. Very mottled texture	283127	13.72	15.24	1.52	15
				283128	15.24	16.77	1.52	8
				283129	16.77	18.29	1.52	4
				283130	18.29	19.82	1.52	3
			7.62-9.75m : Massive hematite, mottled textures, brecciated subangular clasts. Weak malachite stain at 7.93m.	283131	19.82	21.34	1.52	15
				283132	21.34	22.87	1.52	10
				283133	22.87	24.39	1.52	3
				283134	24.39	25.91	1.52	10
				283135	25.91	27.44	1.52	24
16.15	65.53	Andesite	Fine grained to aphanitic andesite. Dark green to grey in colour. Low to moderate hematite alteration throughout. Chlorite and serecite alteration are also displayed weakly. Pyr <2% occurs in blebs and as fine disseminations.	283136	27.44	28.96	1.52	17
				283137	28.96	30.49	1.52	12
				283138	30.49	32.01	1.52	80
				283139	32.01	33.54	1.52	17
				283140	STD	STD	STD	2380
				283141	33.54	35.06	1.52	59

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-04 Location: Clone Property Date: Aug09/09 Logged By: Amanda Mullin
Azimuth: 270 degrees Dip: -30 degrees Depth: 77.72m

From (m)	*To (m)*	*Rock Type*	*Geological Description: Mineralization, Structure, Alteration*
			27.13-28.04m : hematite alteration intensity increases in this interval. No observed mineralization.
			30.78-31.39m : Very mottled texture displayed. Serecitically and chloritically altered.
			44.81m : massive hematite, wispy flow textures
			51.82-53.34m : Pyr 4% occuring as blebs and partially rimming Qtz/Calcite veins, trace cpy
			65.53m E.O.H

	Sample Interval			
Sample No.	*From (m)*	*To (m)*	**Width (m)**	**Au (ppb)**
283142	35.06	36.59	1.52	11
283143	36.59	38.11	1.52	35
283144	38.11	39.63	1.52	25
283145	BLANK	BLANK	BLANK	1
283146	39.63	41.16	1.52	23
283147	41.16	42.68	1.52	65
283148	42.68	44.21	1.52	20
283149	44.21	45.73	1.52	35
283150	45.73	47.26	1.52	295
283151	47.26	48.78	1.52	24
283152	48.78	50.30	1.52	52
283153	50.30	51.83	1.52	13
283154	51.83	53.35	1.52	35
283155	53.35	54.88	1.52	23
283156	54.88	56.40	1.52	41
283157	56.40	57.93	1.52	445
283158	57.93	59.45	1.52	210
283159	59.45	60.98	1.52	35
283160	STD	STD	STD	2475
283161	60.98	62.50	1.52	29
283162	62.50	64.02	1.52	34
283163	64.02	65.55	1.52	160

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-05 Location: Clone Property Date: Aug11/09 Logged By: Amanda Mullin
Azimuth: 278 degrees Dip: -40 degrees Depth: 69.19m

From (m)	To (m)	Rock Type	Geological Description: Mineralization, Structure, Alteration	Sample No.	Sample Interval From (m)	To (m)	Width (m)	Au (ppb)
0	28.65	Andesitic Pyroclastics	Light grey to dark green andesitic pyroclastics. Clasts are ~1-3cm in size, matrix supported, displaying moderate to intense hematitic alteration throughout. Hematite occurs in its semimassive to massive form, and is blood red in colour. Clasts are subangular to angular, ranging in size from lapilli to volcanic bombs. Chlorite alteration is weakly displayed throughout section. Qtz/Calcite stockwork veins occur in low abundance at ~60 degrees to core axis or in irregular orientations ~2mm-1cm. Pyrite (<2%) occurs as disseminated grains as well as in blebs associated with and partially rimming Qtz/Calcite veins. 2.44-3.05m : irregular Qtz/Calcite veining, intense hematite alteration throughout, weak epidote and serecite alteration also apparent, ~2% Pyr	283185	0.00	1.52	1.52	150
				283186	1.52	3.05	1.52	105
				283187	3.05	4.57	1.52	65
				283188	4.57	6.10	1.52	105
				283189	6.10	7.62	1.52	100
				283190	BLANK		####	8
				283191	7.62	9.15	1.52	54
				283192	9.15	10.67	1.52	61
				283193	10.67	12.20	1.52	52
				283194	12.20	13.72	1.52	47
				283195	13.72	15.24	1.52	30
				283196	15.24	16.77	1.52	15
				283197	16.77	18.29	1.52	70
				283198	18.29	19.82	1.52	34
				283199	19.82	21.34	1.52	14
				283200	STANDARD		####	2410
				283201	21.34	22.87	1.52	19
				283202	22.87	24.39	1.52	53
				283203	24.39	25.91	1.52	49
				283204	25.91	27.44	1.52	20
				283205	27.44	28.96	1.52	160
				283206	28.96	30.49	1.52	70
				283207	30.49	32.01	1.52	9
				283208	32.01	33.54	1.52	18
28.65	69.19	Andesite	Fine grained to aphanitic andesite. Dark green to grey in colour. Low to mod hematitic alteration which can be seen as wisps throughout the unit and also replacing Qtz/Calcite veins	283209	50.61	52.13	1.52	430
				283210	52.13	53.66	1.52	54

Teuton Resources Corporation Ltd.

Drill Hole: CL-09-05 Location: Clone Property Date: Aug11/09 Logged By: Amanda Mullin
Azimuth: 278 degrees Dip: -40 degrees Depth: 69.19m

From (m)	To (m)	Rock Type	Geological Description: Mineralization, Structure, Alteration	Sample Interval: Sample No.	From (m)	To (m)	Width (m)
			<2% Pyr, blebby and disseminated 50.60-53.64m : mottled texture, slightly sheared, replacement of Qtz/Calcite veins by carbonate, hematitically altered **69.19m E.O.H**				

APPENDIX IV

ASSAY CERTIFICATES

PIONEER LABORAT[illegible]ES INC. #103-2691 VISCOUNT WAY RICHMOND, B[illegible] CANADA V6V 2R5 TELEPHONE (60[illegible]1-8165

TEUTON RESOURCES CORP.

GEOCHEMICAL ANALYSIS CERTIFICATE

Project:
Sample Type: Cores/Rocks

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. 2092406
Date: September 24, 2009

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
283164	.4	2.74	29	<5	50	<10	2.52	<1	23	16	88	7.22	.22	2.74	1124	1	.02	11	.19	9	.01	2	<2	38	7	.08	<5	135	64	37
283165	1.2	1.37	70	<5	81	<10	1.91	<1	83	15	141	6.19	.38	1.02	547	4	.01	6	.16	15	.02	6	<2	32	8	.07	<5	107	44	12160
283166	.4	2.59	20	<5	56	<10	1.63	<1	27	17	163	6.14	.27	2.54	1015	2	.02	11	.18	10	.01	<2	<2	31	7	.09	<5	110	78	390
283167	.5	3.03	45	<5	72	<10	3.24	<1	28	31	142	7.11	.19	3.43	1277	4	.01	14	.16	9	.01	<2	<2	50	6	.11	<5	195	84	21
283168	.4	3.65	52	<5	47	<10	3.45	<1	30	46	125	7.57	.31	4.85	1297	2	.02	15	.18	10	.02	6	<2	53	10	.15	<5	239	86	61
283169	.2	3.16	33	<5	51	<10	4.56	<1	29	49	101	6.48	.23	4.18	1393	4	.01	17	.17	7	.01	<2	<2	69	6	.13	<5	198	91	9
283170	.3	2.93	39	<5	29	<10	4.19	<1	30	26	69	6.86	.21	3.68	1179	1	.03	14	.15	9	.02	<2	<2	67	7	.12	<5	189	80	7
283171	.1	3.17	30	<5	25	<10	5.20	<1	29	45	208	6.31	.14	3.95	1436	4	.02	17	.17	10	.01	<2	<2	78	6	.13	<5	207	95	36
283172	1.8	2.91	34	<5	23	<10	5.61	0	26	47	1533	7.06	.15	3.33	1311	1	.01	14	.14	9	.02	<2	<2	82	8	.11	<5	191	93	17
283173	.6	1.98	49	<5	37	<10	2.91	<1	17	23	696	4.63	.11	2.05	847	4	.01	7	.12	9	.01	5	<2	45	<5	.10	<5	100	50	21
283174	.8	1.66	18	<5	362	<10	2.36	0	13	20	664	4.21	.16	1.57	664	1	.02	4	.10	5	.03	<2	<2	42	<5	.09	<5	73	45	260
283175	.6	2.98	52	<5	78	<10	3.54	2	31	27	255	6.17	.14	3.24	1229	2	.01	13	.16	8	.02	3	<2	59	12	.13	<5	165	89	61
283176	1.1	2.76	29	<5	38	<10	5.41	1	29	47	824	5.65	.15	3.16	1186	4	.02	15	.15	7	.01	<2	<2	78	6	.12	<5	160	87	15
283177	.1	1.66	23	<5	446	<10	3.91	<1	14	13	166	4.44	.13	1.55	833	1	.01	4	.12	8	.02	<2	<2	62	<5	.08	<5	91	42	125
283178	.5	2.72	26	<5	83	<10	2.24	1	49	20	380	6.03	.16	2.49	1093	4	.03	11	.20	11	.01	<2	<2	42	8	.07	<5	135	120	385
283179	.4	3.43	27	<5	40	<10	3.84	0	29	52	125	6.33	.07	3.67	1338	2	.02	16	.16	14	.02	2	<2	61	7	.14	<5	218	62	16
283180	38.9	.66	98	<5	17	<10	.39	302	12	25	2665	8.31	.10	.41	1352	28	.01	6	.04	>10000	>10	<2	<2	17	34	.01	<5	10	>10000	2510
283181	.6	3.21	28	<5	41	<10	4.16	1	36	49	229	7.30	.06	3.07	1398	2	.02	16	.16	54	.24	<2	<2	54	10	.15	<5	249	292	25
283182	.5	3.45	21	<5	36	<10	3.98	<1	35	24	178	7.64	.07	3.19	1538	9	.02	11	.17	10	.25	<2	<2	53	10	.14	<5	222	104	16
283183	1.0	3.39	94	<5	61	<10	5.33	0	37	22	169	8.52	.05	3.01	1730	8	.01	13	.15	15	1.18	<2	<2	72	9	.13	<5	247	125	33
283184	.2	3.08	37	<5	39	<10	5.10	0	28	36	104	6.00	.07	2.74	1550	4	.02	16	.13	6	.20	<2	<2	82	5	.12	<5	202	109	9
284663	.3	1.79	35	<5	181	<10	.97	<1	124	15	124	5.93	.23	1.52	668	2	.01	7	.18	9	.01	4	<2	24	<5	.06	<5	104	122	470
284664	.8	1.92	64	30	93	<10	1.27	<1	118	13	96	8.54	.36	1.56	698	4	.02	3	.16	12	.01	6	<2	28	14	.08	<5	142	141	865
284665	1.0	1.89	71	<5	91	<10	1.00	<1	104	9	160	7.87	.32	1.59	676	2	.01	4	.17	7	.02	5	<2	22	11	.07	<5	144	104	1120
284666	1.3	2.50	52	<5	220	<10	1.10	<1	188	18	127	8.28	.33	2.35	874	4	.02	10	.22	9	.01	<2	<2	25	10	.08	<5	130	108	185
284667	.6	2.89	57	<5	271	<10	.91	<1	148	19	107	8.80	.27	2.72	1027	2	.01	11	.20	10	.01	<2	<2	20	7	.07	<5	139	143	605
284668	.8	2.12	46	<5	92	<10	1.50	<1	91	17	72	7.72	.31	1.96	841	4	.02	6	.18	7	.02	<2	<2	27	9	.08	<5	117	95	290
284669	.4	2.30	59	<5	85	<10	1.08	<1	87	12	46	6.99	.31	2.15	858	1	.01	6	.18	9	.01	<2	<2	24	8	.07	<5	98	114	340
284670	.6	2.34	27	25	90	<10	1.13	<1	85	13	43	6.93	.30	2.18	870	4	.03	8	.20	10	.02	<2	<2	25	7	.08	<5	101	113	260
284671	.1	1.77	76	<5	137	<10	1.66	<1	25	7	59	8.95	.38	1.35	770	1	.02	5	.18	12	.01	<2	<2	31	<5	.06	<5	51	120	45
284672	.3	1.16	56	<5	123	<10	.74	<1	8	5	36	2.91	.49	.54	328	4	.01	3	.16	11	.02	10	<2	15	<5	.04	<5	31	58	19
284673	.1	1.30	12	<5	136	<10	1.39	<1	12	8	41	2.73	.47	.75	470	1	.02	4	.15	7	.01	<2	<2	27	<5	.03	<5	35	102	95
284674	.4	1.23	16	<5	81	<10	2.42	1	10	5	19	2.55	.48	.69	506	4	.01	2	.13	10	.01	<2	<2	39	<5	.04	<5	25	69	12
284675	.2	1.55	9	<5	87	<10	2.50	<1	8	4	23	2.30	.45	1.05	707	1	.02	4	.15	5	.02	4	<2	44	<5	.05	<5	28	80	5
284676	.5	2.14	12	<5	70	<10	3.05	1	33	10	172	4.81	.29	1.78	1016	4	.01	6	.18	9	.01	6	<2	60	<5	.07	<5	75	106	210

HOLE C09-01 →

ELEMENT / SAMPLE	Ag ppm		As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	M pp	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm		Au* ppb
1567	1.9	4.65	81	<5	100	<10	1.09	6	131	23	531	10.83	.12	3.02	1210	4	.02	15	.18	64	.03	<2	<2	31	<5	.11	<5	178	120	1260
1568	4.2	3.86	234	<5	130	<10	.74	<1	129	28	1520	10.17	.15	2.39	1083	8	.01	17	.19	56	.08	<2	<2	24	<5	.15	<5	116	99	510
1569	11.2	2.38	312	<5	56	<10	.28	<1	122	15	1882	11.66	.11	1.06	686	10	.02	10	.10	53	2.94	<2	<2	18	<5	.06	<5	166	78	72600
1570	3.3	1.42	156	<5	58	<10	1.13	<1	99	17	1140	13.58	.14	.76	754	15	.01	11	.05	47	.04	<2	<2	32	<5	.05	<5	134	78	7550
1571	2.0	3.12	66	<5	102	<10	.79	<1	108	34	724	10.69	.29	1.75	1062	5	.02	9	.19	20	.02	<2	<2	24	<5	.11	<5	159	180	5460
1572	8.1	1.38	148	<5	46	<10	2.50	<1	86	35	2682	10.78	.17	.95	850	9	.01	8	.15	22	.06	<2	<2	49	<5	.05	<5	189	375	77850
1573	1.6	2.32	77	<5	91	<10	1.69	<1	114	15	1220	8.27	.30	1.99	944	4	.02	7	.23	23	.05	<2	<2	33	<5	.04	<5	91	497	5280
1574	1.8	2.29	108	<5	109	<10	1.65	<1	109	17	1496	9.95	.31	1.92	896	10	.01	8	.20	28	.08	<2	<2	38	<5	.03	<5	127	457	5940
1575	2.4	2.19	59	<5	52	<10	1.85	<1	42	16	1227	7.99	.25	1.79	793	4	.02	7	.17	11	.10	7	<2	44	<5	.04	<5	87	156	10020
1576	.6	3.35	17	<5	846	<10	3.02	<1	22	38	242	7.46	.21	3.04	1187	5	.01	16	.20	36	.36	<2	<2	94	<5	.06	<5	137	127	175
1577	.1	.91	<5	<5	290	<10	.51	<1	5	50	3	2.19	.27	.68	370	2	.04	2	.06	6	.02	<2	<2	32	<5	.11	<5	63	57	1
1578	.3	2.93	38	<5	257	<10	4.77	<1	16	14	141	5.12	.15	2.84	1056	3	.02	8	.21	52	.24	<2	<2	99	<5	.04	<5	90	95	23
1579	1.3	3.54	15	<5	66	<10	5.06	<1	20	34	297	6.82	.09	3.52	1171	2	.01	15	.22	42	.66	<2	<2	100	<5	.06	<5	169	100	29
1580	37.8	.67	84	<5	22	<10	.41	395	9	26	2640	8.68	.09	.42	1288	26	.01	5	.04	>10000	>10	<2	<2	18	18	.01	<5	14	>10000	2430
1581	1.4	4.36	19	<5	102	<10	1.23	<1	25	18	537	8.79	.13	4.20	1031	3	.02	12	.19	78	.36	<2	<2	31	<5	.07	<5	176	115	56
1582	2.3	3.86	96	<5	93	<10	1.09	<1	52	22	1209	10.27	.16	3.52	1093	60	.01	15	.20	37	1.59	<2	<2	27	<5	.06	<5	120	168	7280
1583	4.9	3.13	155	<5	59	<10	2.67	<1	40	24	1642	11.01	.13	2.64	996	120	.02	11	.17	34	1.51	<2	<2	48	<5	.05	<5	182	104	52800
1584	.8	3.96	41	<5	87	<10	2.13	<1	33	35	633	9.09	.14	3.53	1307	9	.01	10	.21	12	.42	<2	<2	34	<5	.07	<5	176	95	3450
1585	1.1	3.89	50	<5	89	<10	3.87	<1	29	34	409	9.35	.13	3.50	1448	13	.02	16	.22	25	1.03	<2	<2	61	<5	.06	<5	164	79	2450
1586	2.9	3.73	162	<5	21	<10	5.37	<1	97	43	1052	12.18	.09	3.24	1575	76	.01	18	.16	27	3.49	<2	<2	83	<5	.07	<5	169	113	18900
1587	5.4	3.36	113	<5	27	<10	5.22	<1	20	29	128	7.94	.10	3.08	1315	4	.02	12	.15	22	2.34	4	<2	94	<5	.08	<5	153	64	305
1588	.1	1.91	18	<5	38	<10	4.51	<1	12	31	19	3.43	.07	1.78	782	2	.01	8	.14	11	.01	2	<2	107	<5	.02	<5	157	41	33
283001	.3	2.44	12	<5	51	<10	4.32	<1	20	15	110	6.09	.14	2.36	1330	1	.02	9	.19	15	.02	<2	<2	51	<5	.06	<5	136	81	120
283002	.6	3.24	16	<5	84	<10	1.77	<1	45	24	121	7.52	.22	3.14	1335	2	.01	14	.23	12	.01	<2	<2	26	<5	.07	<5	161	96	90
283003	.5	2.33	30	<5	75	<10	1.73	<1	157	11	94	5.80	.18	2.09	1031	3	.02	8	.17	15	.02	<2	<2	37	<5	.04	<5	108	91	560
283004	2.9	1.86	22	<5	52	<10	1.84	<1	14	10	51	4.15	.17	1.70	812	2	.01	5	.16	9	.01	<2	<2	35	<5	.05	<5	78	58	85
283005	.2	1.19	25	<5	56	<10	2.52	<1	10	11	75	3.27	.11	.96	595	1	.03	2	.15	7	.01	<2	<2	56	<5	.03	<5	73	35	60
283006	.1	1.22	24	<5	59	<10	2.28	<1	11	13	116	3.36	.13	.98	577	2	.02	3	.16	8	.02	<2	<2	44	<5	.02	<5	66	38	27
283007	.2	1.08	28	<5	64	<10	1.89	<1	10	10	88	2.86	.17	.85	480	1	.02	3	.15	6	.02	<2	<2	37	<5	.03	<5	56	33	34
283008	.1	1.42	31	<5	43	<10	3.23	<1	16	18	176	4.64	.15	1.30	779	2	.01	8	.17	8	.01	<2	<2	50	<5	.06	<5	92	41	36
283009	.6	3.32	<5	<5	81	<10	4.97	<1	28	40	189	6.58	.18	3.92	1678	1	.02	17	.18	16	.01	<2	<2	62	<5	.10	<5	167	82	19
283010	.3	3.05	31	<5	44	<10	3.97	<1	25	18	105	6.13	.24	3.47	1348	2	.01	11	.20	17	.02	3	<2	54	<5	.11	<5	147	116	18
283011	.2	2.82	19	<5	32	<10	3.54	<1	24	16	101	6.23	.20	3.11	1206	1	.02	12	.21	16	.01	<2	<2	57	<5	.10	<5	148	101	23
283012	.5	3.26	23	<5	63	<10	4.93	<1	26	39	199	6.18	.12	3.78	1557	2	.01	14	.19	14	.01	<2	<2	81	<5	.11	<5	246	91	25
283013	.4	3.64	22	<5	68	<10	5.18	<1	30	31	129	7.08	.06	3.62	1858	5	.02	16	.18	28	.21	<2	<2	68	<5	.10	<5	255	95	37
283014	.2	3.57	8	<5	278	<10	5.48	<1	27	24	108	6.93	.08	3.43	1714	4	.01	14	.16	35	.18	<2	<2	79	<5	.11	<5	224	97	19
283015	.3	3.66	51	<5	47	<10	5.61	<1	25	47	156	7.23	.07	3.76	1606	3	.02	17	.17	30	.02	<2	<2	77	<5	.08	<5	237	99	29
283016	.2	3.37	30	<5	34	<10	6.88	<1	28	45	109	6.55	.06	3.70	1498	2	.01	18	.16	12	.01	<2	<2	95	<5	.09	<5	232	86	23
283017	.3	3.36	10	<5	101	<10	5.09	<1	24	17	153	6.95	.07	3.58	1361	1	.02	9	.17	15	.02	<2	<2	72	<5	.10	<5	234	79	20
283018	.5	3.88	54	<5	942	<10	6.32	<1	27	37	143	7.23	.06	3.99	1650	2	.01	17	.16	22	.20	8	<2	111	<5	.11	<5	258	87	8

Hole CL09-03

ELEMENT / SAMPLE	Ag ppm		As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	P 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
283019	1.1	4.40	149	<5	310	<10	5.21	<1	31	49	171	8.01	.05	4.59	1655	7	.02	20	.17	49	.52	12	<2	89	<5	.09	<5	304	99	39
283020	38.3	.66	97	<5	24	<10	.41	390	9	27	2695	8.57	.09	.42	1272	27	.01	10	.04	>10000	>10	<2	<2	17	<5	.01	<5	12	>10000	2490
283021	.2	4.09	29	<5	1422	<10	5.32	<1	27	38	107	7.13	.07	4.26	1663	4	.02	15	.17	23	.07	<2	<2	127	<5	.11	<5	293	113	20
283022	.1	2.52	84	<5	152	<10	8.26	<1	25	26	210	5.88	.09	2.30	1429	3	.01	10	.12	22	1.32	<2	<2	122	<5	.07	<5	153	64	62
283023	.7	3.37	47	<5	47	<10	3.49	<1	23	27	139	6.68	.10	3.23	1503	2	.02	11	.17	19	.55	<2	<2	59	<5	.06	<5	189	106	15
283024	.5	3.61	46	<5	30	<10	5.39	<1	27	61	142	7.28	.06	3.51	1890	4	.01	18	.16	22	1.07	<2	<2	84	<5	.08	<5	246	124	6
283025	.2	3.09	26	<5	42	<10	6.02	<1	18	30	77	6.07	.07	2.90	1574	2	.02	13	.13	19	.51	<2	<2	96	<5	.10	<5	192	95	64
283026	3.0	2.74	50	<5	107	<10	7.36	4	29	13	88	5.66	.20	2.29	1745	1	.01	11	.16	35	1.21	<2	<2	105	<5	.05	<5	98	225	650
283027	.3	3.06	49	<5	40	<10	5.90	<1	31	14	127	6.02	.24	2.46	1392	2	.02	10	.20	20	.13	<2	<2	87	<5	.06	<5	94	296	17
283028	.2	3.16	58	<5	148	<10	9.85	<1	26	22	90	6.09	.12	2.94	2350	1	.01	21	.16	15	.53	3	<2	149	<5	.05	<5	157	109	1
283029	.3	3.10	56	<5	31	<10	8.98	<1	28	33	129	5.97	.14	3.00	2251	2	.02	25	.14	19	.77	<2	<2	156	<5	.07	<5	160	118	7
283030	.2	3.40	34	<5	43	<10	8.97	<1	25	53	204	6.35	.11	3.29	2356	1	.01	27	.13	17	.22	<2	<2	207	<5	.12	<5	202	120	28
283031	.3	3.71	15	<5	50	<10	3.87	<1	23	21	153	8.06	.08	3.69	1467	2	.01	9	.19	14	.29	<2	<2	102	<5	.07	<5	195	81	65
283032	.2	3.68	9	<5	94	<10	3.09	<1	26	32	160	7.81	.09	3.83	1488	1	.02	13	.16	13	.15	<2	<2	98	<5	.11	<5	243	65	20
283033	.3	3.13	118	<5	77	<10	3.18	<1	348	39	867	7.29	.25	2.96	1609	3	.01	20	.17	11	.06	21	<2	74	<5	.08	<5	176	253	395
283034	.5	2.90	102	<5	102	<10	2.52	<1	156	9	876	7.15	.11	2.72	1248	4	.01	6	.18	31	.39	<2	<2	63	<5	.08	<5	213	126	7890
283035	.2	3.52	88	<5	179	<10	3.90	<1	73	11	177	7.26	.08	3.32	1708	5	.02	10	.17	14	.84	<2	<2	81	<5	.13	<5	234	77	69
283036	.3	3.43	40	<5	52	<10	5.11	<1	30	16	153	7.32	.07	3.12	1513	2	.01	11	.15	16	.09	<2	<2	80	<5	.10	<5	207	98	14
283037	.1	3.66	20	<5	845	<10	5.38	<1	24	35	156	6.68	.06	3.61	1421	3	.02	16	.14	13	.12	<2	<2	110	<5	.13	<5	238	68	32
283038	.2	3.34	67	<5	18	<10	4.22	<1	27	33	121	6.06	.14	3.44	1212	4	.01	15	.15	14	.53	<2	<2	71	<5	.16	<5	197	52	21
283039	.1	3.74	46	<5	13	<10	4.36	<1	28	36	116	7.01	.08	4.00	1257	2	.02	16	.14	9	.04	<2	<2	70	<5	.15	<5	224	57	14
283040	37.7	.69	98	<5	21	<10	.35	394	9	27	2629	8.57	.09	.42	1272	27	.01	6	.04	>10000	>10	<2	<2	19	16	.01	<5	13	>10000	2480
283041	.1	3.83	61	<5	20	<10	3.77	<1	27	36	183	7.44	.13	4.06	1335	5	.02	20	.15	19	.41	<2	<2	69	<5	.16	<5	228	89	51
283042	.2	3.32	54	<5	23	<10	5.04	<1	21	26	88	6.24	.06	3.23	1234	2	.01	11	.16	10	.18	<2	<2	82	<5	.10	<5	227	76	28
283043	.1	3.27	47	<5	14	<10	6.44	<1	19	11	25	6.47	.07	2.89	1334	4	.01	6	.19	11	.41	<2	<2	104	<5	.07	<5	270	56	35
283044	.3	3.26	33	<5	27	<10	3.88	<1	24	6	253	7.28	.08	2.71	1149	7	.02	5	.20	15	1.08	<2	<2	77	<5	.09	<5	233	49	42
283045	.1	.97	<5	<5	260	<10	.62	<1	7	46	4	2.56	.26	.76	390	2	.05	3	.09	7	.01	<2	<2	32	<5	.17	<5	76	56	5
283046	.3	3.67	29	<5	25	<10	3.36	<1	20	15	179	7.83	.11	3.05	1136	3	.01	7	.20	15	.64	<2	<2	74	<5	.06	<5	238	57	8
283047	.2	3.35	59	<5	31	<10	3.64	<1	17	11	215	8.42	.09	2.68	892	4	.02	5	.18	13	.28	<2	<2	94	<5	.07	<5	246	62	42
283048	.1	3.83	37	<5	45	<10	1.69	<1	22	14	129	8.53	.08	3.31	867	2	.01	9	.21	15	.29	<2	<2	44	<5	.10	<5	278	65	80
283049	.3	2.58	56	<5	82	<10	2.03	<1	97	15	80	7.96	.25	2.34	1157	4	.02	11	.22	14	.02	12	<2	34	<5	.07	<5	144	97	640
283050	.5	2.18	43	<5	62	<10	1.17	<1	83	10	61	6.08	.19	2.03	817	1	.01	5	.19	13	.02	5	<2	27	<5	.05	<5	106	103	460
283051	.2	2.15	39	<5	56	<10	.98	<1	12	11	31	4.92	.22	1.95	722	2	.01	6	.18	10	.01	6	<2	23	<5	.06	<5	76	73	260
283052	.1	1.54	24	<5	73	<10	1.66	<1	9	13	209	3.39	.14	1.26	598	1	.02	3	.16	7	.01	<2	<2	43	<5	.04	<5	74	45	52
283053	.2	1.66	21	<5	64	<10	1.34	<1	32	14	154	3.82	.18	1.36	586	2	.01	4	.15	9	.02	<2	<2	39	<5	.03	<5	76	52	56
283054	.3	3.06	18	<5	40	<10	4.83	<1	25	41	122	6.22	.13	3.51	1442	1	.02	13	.17	11	.01	<2	<2	84	<5	.09	<5	197	99	40
283055	.1	3.13	16	<5	67	<10	4.57	<1	24	34	83	5.98	.12	3.56	1534	2	.01	14	.18	14	.02	<2	<2	81	<5	.10	<5	186	126	18
283056	.2	2.05	19	<5	220	<10	2.24	<1	13	8	39	4.01	.18	1.97	805	1	.02	5	.17	9	.01	<2	<2	56	<5	.08	<5	86	70	46
283057	.1	3.17	35	<5	126	<10	3.82	<1	26	19	154	7.43	.06	3.23	1473	3	.01	12	.16	16	.27	<2	<2	98	<5	.12	<5	256	64	145
283058	.4	1.85	22	<5	71	<10	.92	<1	9	10	25	3.56	.29	1.60	488	2	.02	2	.15	9	.01	<2	<2	25	<5	.05	<5	53	49	21

ELEMENT / SAMPLE	Ag ppm		As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	M pp	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	n	Au* ppb
283059	.2	1.81	21	<5	90	<10	.70	<1	7	11	41	3.77	.32	1.54	468	1	.01	1	.14	9	.01	<2	<2	23	<5	.04	<5	54	30	105
283060	38.3	.67	96	<5	20	<10	.35	395	9	26	2629	8.40	.09	.42	1249	26	.01	5	.04	>10000	>10	<2	<2	18	14	.01	<5	13	710000	2430
283061	.2	1.66	25	<5	69	<10	1.31	<1	8	9	433	3.03	.27	1.42	484	1	.02	2	.15	12	.02	12	<2	32	<5	.05	<5	60	41	80
283062	.1	1.52	31	<5	99	<10	1.10	<1	10	11	68	3.50	.26	1.29	426	2	.01	3	.16	10	.01	<2	<2	28	<5	.04	<5	64	50	30
283063	.2	2.98	30	<5	70	<10	3.52	<1	25	26	201	5.70	.16	2.96	1340	1	.02	11	.17	14	.01	<2	<2	52	<5	.11	<5	177	101	24
283064	.1	3.82	28	<5	38	<10	4.16	<1	24	61	68	7.00	.08	3.99	1770	2	.01	18	.18	13	.05	<2	<2	70	<5	.12	<5	243	143	4
283065	.2	3.48	20	<5	1145	<10	2.88	<1	33	17	227	7.16	.07	3.36	1577	1	.02	14	.19	18	.04	<2	<2	82	<5	.11	<5	273	114	42
283066	.1	3.06	17	<5	146	<10	4.05	<1	27	18	128	6.49	.05	3.12	1554	2	.01	11	.18	13	.02	<2	<2	61	<5	.08	<5	281	103	24
283067	.2	3.62	11	<5	23	<10	4.66	<1	26	48	52	6.53	.04	3.95	1652	1	.02	16	.17	12	.01	<2	<2	69	<5	.09	<5	238	123	40
283068	.1	3.63	30	<5	36	<10	4.69	<1	23	53	80	6.08	.06	4.34	1688	2	.01	18	.16	17	.02	<2	<2	72	<5	.11	<5	234	89	11
283069	2.2	3.74	29	<5	251	<10	5.21	<1	29	52	84	6.16	.04	4.31	1820	1	.02	20	.15	13	.01	9	<2	90	<5	.07	<5	253	91	10
283070	.2	3.68	26	<5	777	<10	5.07	<1	24	52	65	6.40	.03	3.94	1624	3	.01	18	.16	18	.29	<2	<2	110	<5	.05	<5	233	90	30
283071	.4	4.03	41	<5	148	<10	6.63	<1	28	65	105	6.92	.07	4.13	2064	4	.02	21	.18	38	.08	9	<2	93	<5	.08	<5	268	125	11
283072	.5	3.68	19	<5	51	<10	5.39	<1	31	66	135	6.33	.06	3.75	1712	2	.01	19	.17	23	.01	<2	<2	72	<5	.09	<5	217	118	70
283073	.4	2.16	186	<5	101	<10	3.78	<1	203	17	191	6.38	.19	1.79	1122	3	.02	8	.16	11	.03	15	<2	52	<5	.07	<5	127	267	13510
283074	.1	2.68	18	<5	107	<10	3.99	<1	20	9	144	5.18	.13	2.42	1418	1	.01	9	.14	15	.04	<2	<2	56	<5	.11	<5	134	107	19
283075	.2	3.11	53	<5	38	<10	4.19	<1	23	16	83	6.18	.08	2.80	1470	2	.02	11	.15	22	.46	<2	<2	63	<5	.10	<5	214	102	7
283076	.1	1.70	32	<5	29	<10	3.97	<1	11	15	44	3.62	.07	1.27	885	1	.01	3	.10	11	.45	<2	<2	67	<5	.05	<5	81	48	16
283077	.2	2.08	36	<5	27	<10	2.25	<1	12	12	41	4.36	.11	1.58	857	2	.02	2	.11	9	.57	<2	<2	39	<5	.06	<5	79	46	32
283078	.1	2.17	26	<5	45	<10	2.46	<1	13	15	40	4.44	.10	1.84	942	1	.01	3	.12	11	.44	<2	<2	47	<5	.07	<5	97	45	11
283079	.4	2.88	31	<5	200	<10	9.72	3	21	19	138	5.42	.08	2.56	2689	3	.02	9	.13	18	.58	<2	<2	173	<5	.06	<5	136	86	62
283080	38.6	.68	101	<5	23	<10	.28	387	9	27	2673	8.56	.07	.40	1224	26	.01	6	.04	>10000	>10	<2	<2	15	12	.01	<5	12	>10000	2440
283081	.6	3.04	76	<5	81	<10	4.40	<1	36	15	105	6.63	.19	2.46	1486	1	.01	14	.12	41	1.32	<2	<2	77	<5	.06	<5	101	239	680
283082	.7	2.66	154	<5	54	<10	2.35	<1	100	17	102	6.40	.24	1.61	1152	2	.02	3	.09	28	.51	<2	<2	46	<5	.03	<5	80	332	710
283083	.5	1.98	153	<5	65	<10	1.74	<1	99	11	83	4.64	.23	1.21	828	1	.01	4	.08	35	.32	<2	<2	33	<5	.01	<5	46	554	140
283084	1.1	2.83	134	<5	63	<10	.79	<1	64	9	152	6.85	.22	1.92	1171	5	.02	10	.13	50	.55	<2	<2	18	<5	.02	<5	81	1008	810
283085	1.0	2.25	111	<5	75	<10	3.99	2	18	10	191	4.69	.21	1.62	1251	2	.01	4	.12	35	.42	<2	<2	65	<5	.03	<5	56	634	1780
283086	.7	1.85	41	<5	92	<10	1.10	<1	13	9	101	3.50	.23	1.32	959	1	.02	3	.16	20	.05	3	<2	27	<5	.01	<5	39	435	735
283087	.5	1.79	53	<5	96	<10	.70	<1	12	7	94	3.77	.24	1.22	795	2	.01	4	.15	18	.30	2	<2	19	<5	.02	<5	40	457	120
283088	.4	1.72	61	<5	50	<10	.78	<1	15	6	72	3.51	.23	1.34	791	6	.02	3	.14	22	.63	3	<2	20	<5	.01	<5	37	286	80
283089	.3	1.83	57	<5	66	<10	.97	<1	35	7	57	3.23	.35	1.39	817	1	.01	5	.16	17	.34	7	<2	30	<5	.02	<5	33	293	33
283090	.2	1.14	<5	<5	252	<10	.76	<1	6	62	4	2.74	.23	.88	412	2	.05	3	.09	9	.01	3	<2	35	<5	.15	<5	77	61	5
283091	.1	1.52	159	<5	88	<10	2.72	<1	55	11	121	4.09	.22	1.03	1072	6	.01	7	.15	18	.83	8	<2	67	<5	.01	<5	46	392	125
283092	.8	1.43	221	<5	145	<10	3.81	<1	134	15	105	3.88	.20	.94	1229	3	.02	5	.11	22	1.15	6	<2	88	<5	.02	<5	49	343	710
283093	1.0	2.77	58	<5	98	<10	4.02	<1	36	10	278	6.65	.21	2.04	2063	4	.01	2	.12	26	.20	<2	<2	70	<5	.03	<5	81	402	205
283094	.2	1.59	43	<5	242	<10	2.67	<1	7	14	108	3.28	.19	1.21	1040	3	.02	3	.15	24	.28	<2	<2	71	<5	.01	<5	67	367	370
283095	1.1	2.86	58	<5	33	<10	2.10	<1	30	16	783	5.87	.24	2.64	1191	1	.01	12	.18	12	.06	8	<2	53	<5	.07	<5	130	346	10
283096	.4	3.64	91	<5	90	<10	5.58	<1	97	14	465	6.60	.12	3.91	1733	2	.02	22	.16	20	.33	<2	<2	133	<5	.10	<5	218	159	41
283097	.3	3.36	35	<5	50	<10	3.25	<1	23	13	121	6.46	.06	3.47	1323	1	.01	9	.20	12	.39	<2	<2	105	<5	.07	<5	248	73	7
283098	.2	2.91	31	<5	22	<10	4.14	<1	31	45	255	5.87	.05	2.83	1204	4	.02	10	.16	9	.19	<2	<2	131	<5	.09	<5	217	86	18

HOLE CL07-02

ELEMENT / SAMPLE	Ag ppm		As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	P ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	[illegible] ppm	Au* ppb
283099	.5	3.38	34	<5	31	<10	3.40	<1	27	16	300	8.22	.11	3.56	1493	5	.01	11	.15	11	1.30	<2	<2	95	<5	.07	<5	218	70	45
283100	37.9	.68	97	<5	22	<10	.36	401	10	27	2678	8.73	.08	.43	1270	27	.01	6	.04	>10000	>10	<2	<2	18	12	.01	<5	12	>10000	2430
283101	.2	3.12	35	<5	115	<10	3.62	<1	22	13	157	6.29	.11	3.39	1503	3	.02	11	.16	12	.49	<2	<2	102	<5	.13	<5	220	81	19
283102	.1	3.19	50	<5	60	<10	4.31	<1	26	14	177	6.77	.13	3.57	1363	4	.01	12	.15	14	.97	<2	<2	124	<5	.14	<5	277	56	25
283103	.4	3.64	27	<5	119	<10	4.28	<1	24	13	262	7.51	.11	3.69	1498	2	.02	11	.17	11	.65	<2	<2	123	<5	.12	<5	286	69	140
283104	.5	3.46	28	<5	23	<10	5.25	<1	22	8	249	6.75	.08	3.48	1500	3	.01	9	.16	10	.63	<2	<2	185	<5	.13	<5	230	57	48
283105	.4	2.99	40	<5	42	<10	10.73	<1	20	7	131	6.18	.05	2.65	2994	4	.02	6	.13	15	.84	<2	<2	216	<5	.08	<5	198	52	44
283106	.3	3.35	48	<5	26	<10	6.82	<1	21	23	186	6.46	.06	3.07	1540	10	.01	9	.17	14	.54	<2	<2	287	<5	.04	<5	263	69	55
283107	.4	3.43	22	<5	47	<10	5.04	<1	20	8	160	7.41	.16	2.95	1264	7	.02	5	.18	15	.81	<2	<2	148	<5	.05	<5	300	62	64
283108	.2	3.26	20	<5	20	<10	4.90	<1	16	5	157	6.72	.12	2.88	1265	8	.01	4	.19	14	.72	<2	<2	142	<5	.04	<5	293	53	39
283109	.5	3.63	34	<5	29	<10	3.36	<1	24	6	292	7.37	.06	3.29	1306	6	.02	3	.20	18	.57	<2	<2	103	<5	.02	<5	320	76	34
283110	.4	3.00	57	<5	22	<10	7.78	<1	27	10	309	6.17	.08	2.67	2002	2	.01	7	.15	16	.88	<2	<2	213	<5	.03	<5	254	70	75
283111	.9	2.87	41	<5	48	<10	4.23	<1	49	11	450	7.05	.09	2.52	1270	5	.02	12	.18	26	1.92	<2	<2	119	<5	.06	<5	287	73	95
283112	.6	3.42	54	<5	20	<10	4.10	<1	25	7	341	7.44	.08	3.02	1314	6	.01	7	.17	19	1.22	<2	<2	140	<5	.05	<5	294	85	65
283113	.2	1.91	23	<5	64	<10	1.85	<1	20	8	36	3.70	.25	1.67	856	1	.01	2	.16	9	.02	<2	<2	32	<5	.03	<5	50	69	34
283114	.1	1.54	9	<5	61	<10	3.47	<1	16	14	118	4.28	.14	1.33	822	2	.02	6	.17	10	.01	3	<2	56	<5	.04	<5	100	44	75
283115	.3	1.29	51	<5	92	<10	.75	<1	41	15	145	3.84	.11	1.04	461	1	.01	4	.15	11	.02	4	<2	18	<5	.03	<5	83	38	160
283116	.2	2.58	41	<5	54	<10	2.30	<1	64	7	92	6.19	.20	2.35	1018	2	.02	5	.24	14	.01	<2	<2	38	<5	.04	<5	139	84	150
283117	.4	2.31	25	<5	56	<10	2.24	<1	57	10	90	5.78	.24	2.12	1039	1	.01	6	.21	10	.02	<2	<2	39	<5	.03	<5	106	98	145
283118	.3	1.76	36	<5	45	<10	1.94	<1	11	11	268	3.50	.14	1.67	841	2	.02	2	.16	6	.01	3	<2	41	<5	.02	<5	59	62	120
283119	.1	1.61	9	<5	48	<10	1.60	<1	12	16	37	3.41	.15	1.41	668	1	.01	3	.15	9	.02	<2	<2	36	<5	.03	<5	60	49	45
283120	38.9	.69	96	<5	28	<10	.36	382	10	27	2624	8.82	.08	.43	1296	27	.01	6	.04	>10000	>10	<2	<2	19	15	.01	<5	12	>10000	2440
283121	.5	1.34	15	<5	39	<10	2.62	<1	17	13	574	2.93	.12	1.17	719	2	.02	3	.16	14	.03	<2	<2	70	<5	.03	<5	58	74	90
283122	.2	1.35	22	<5	52	<10	1.56	<1	12	14	231	2.91	.17	1.11	562	1	.01	2	.15	7	.01	<2	<2	36	<5	.02	<5	59	49	80
283123	.1	1.46	20	<5	59	<10	1.66	<1	11	8	69	3.00	.16	1.24	603	2	.02	3	.16	8	.02	<2	<2	39	<5	.03	<5	64	45	39
283124	.2	1.85	33	<5	80	<10	5.04	<1	17	17	190	4.41	.15	1.79	1182	1	.01	7	.15	6	.01	3	<2	103	<5	.05	<5	96	52	38
283125	1.7	3.30	44	<5	52	<10	3.07	<1	25	30	1308	6.42	.14	3.58	1370	2	.02	13	.20	737	.06	2	<2	69	<5	.09	<5	146	81	21
283126	.3	3.37	22	<5	59	<10	2.20	<1	26	24	130	6.76	.17	3.60	1275	1	.01	14	.19	11	.01	<2	<2	42	<5	.10	<5	144	84	9
283127	.2	2.77	6	<5	41	<10	2.19	<1	23	8	73	5.72	.16	2.88	1070	2	.02	7	.20	9	.02	<2	<2	43	<5	.08	<5	122	106	15
283128	.1	3.61	16	<5	62	<10	3.82	<1	26	11	102	6.29	.13	3.92	1528	1	.01	10	.19	13	.01	<2	<2	63	<5	.10	<5	159	147	8
283129	.4	3.76	37	<5	477	<10	3.86	2	31	14	408	6.73	.06	3.83	1777	2	.02	16	.17	14	.05	3	<2	77	<5	.12	<5	252	115	4
283130	.3	3.67	30	<5	51	<10	5.77	<1	25	50	76	6.52	.11	3.67	1927	1	.01	17	.16	27	.01	2	<2	92	<5	.09	<5	182	119	3
283131	.4	3.22	16	<5	33	<10	6.47	<1	26	17	119	6.62	.06	2.90	1987	4	.02	12	.16	18	.45	<2	<2	97	<5	.08	<5	212	101	15
283132	.2	3.32	26	<5	50	<10	5.78	<1	25	35	147	6.11	.07	3.08	1911	2	.01	11	.17	17	.37	<2	<2	98	<5	.09	<5	199	119	10
283133	.4	3.74	16	<5	443	<10	4.47	<1	29	25	305	6.89	.07	3.57	1947	1	.02	14	.16	13	.20	<2	<2	93	<5	.10	<5	203	137	3
283134	.3	3.69	24	<5	54	<10	3.90	<1	30	27	96	7.01	.06	3.51	1985	2	.01	13	.19	15	.31	<2	<2	68	<5	.09	<5	199	136	10
283135	.5	3.74	8	<5	71	<10	4.50	<1	29	23	163	7.29	.07	3.56	1910	1	.02	16	.18	20	.06	<2	<2	83	<5	.08	<5	208	173	24
283136	.6	3.93	26	<5	279	<10	3.57	<1	31	19	326	8.18	.08	3.77	1778	3	.01	22	.17	38	.09	<2	<2	99	<5	.09	<5	240	165	17
283137	.1	3.61	49	<5	145	<10	4.73	<1	23	32	101	6.42	.03	3.79	1861	2	.02	14	.16	17	.77	5	<2	110	<5	.10	<5	241	82	12
283138	.2	3.55	24	<5	59	<10	6.32	<1	28	66	130	6.31	.04	3.47	1834	1	.01	19	.17	22	.23	<2	<2	138	<5	.09	<5	249	126	80

Hole CL09-02

Hole CL09-04

ELEMENT / SAMPLE	Ag ppm		As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	M pp	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm		Au* ppb
283139	.1	3.57	<5	<5	39	<10	7.48	<1	27	68	100	5.78	.03	3.73	1988	2	.02	21	.16	21	.24	<2	<2	153	<5	.08	<5	245	104	17
283140	37.8	.67	89	<5	24	<10	.37	382	10	27	2601	8.47	.09	.42	1274	26	.01	6	.04	>10000	>10	<2	<2	18	14	.01	<5	13	>10000	2380
283141	.3	4.12	28	<5	22	<10	5.14	<1	32	77	103	6.99	.07	4.26	1929	2	.02	21	.20	22	.33	<2	<2	111	<5	.08	<5	286	122	59
283142	.4	3.59	22	<5	21	<10	6.61	<1	20	30	89	6.24	.06	3.45	1846	5	.01	13	.15	16	.24	<2	<2	155	<5	.09	<5	224	75	11
283143	.5	3.77	21	<5	35	<10	5.51	<1	30	31	191	6.87	.10	3.78	1938	1	.02	16	.16	12	.22	<2	<2	129	<5	.12	<5	240	99	35
283144	.4	3.95	29	<5	26	<10	5.04	<1	27	33	127	7.17	.05	3.97	2016	2	.01	17	.15	10	.38	<2	<2	118	<5	.14	<5	263	96	25
283145	.2	.96	<5	<5	285	<10	.68	<1	7	63	6	2.54	.22	.73	381	3	.05	3	.09	7	.01	2	<2	32	7	.17	<5	72	60	1
283146	.6	4.04	58	<5	24	<10	4.47	<1	29	30	121	7.37	.04	4.12	1915	2	.01	16	.16	16	.61	6	<2	107	<5	.05	<5	274	104	23
283147	.4	3.68	26	<5	821	<10	4.51	<1	27	22	150	6.78	.05	3.92	1732	1	.02	12	.15	11	.34	<2	<2	121	<5	.09	<5	262	69	65
283148	.6	3.85	36	<5	199	<10	3.90	<1	28	13	110	7.50	.06	3.87	1656	2	.01	11	.17	24	1.12	<2	<2	85	<5	.12	<5	236	66	20
283149	.4	2.92	57	<5	75	<10	2.96	<1	24	17	175	6.94	.07	2.77	1184	3	.02	6	.19	12	1.40	<2	<2	73	<5	.09	<5	211	48	35
283150	.3	3.07	31	<5	33	<10	4.15	<1	23	38	127	6.58	.06	3.07	1309	1	.01	12	.18	13	.80	<2	<2	94	<5	.08	<5	200	47	295
283151	.2	2.88	33	<5	77	<10	3.27	<1	23	18	122	6.31	.07	2.88	1278	2	.01	9	.19	10	.58	6	<2	79	<5	.09	<5	193	56	24
283152	.1	1.40	10	<5	66	<10	1.26	<1	7	9	35	2.66	.28	1.14	456	1	.02	3	.16	5	.01	5	<2	28	<5	.04	<5	42	62	52
283153	.3	2.98	29	<5	166	<10	4.17	<1	26	17	338	6.74	.07	2.92	1314	5	.01	9	.19	11	.31	<2	<2	107	<5	.10	<5	236	49	13
283154	.4	3.43	73	<5	28	<10	2.05	<1	21	8	111	8.47	.11	3.14	1058	3	.02	4	.20	12	2.18	<2	<2	61	<5	.05	<5	172	48	35
283155	.5	3.56	10	<5	255	<10	3.19	<1	22	11	195	7.79	.12	3.31	1163	2	.01	7	.19	16	.13	<2	<2	90	<5	.07	<5	174	56	23
283156	.4	3.41	<5	<5	58	<10	3.04	<1	26	27	447	7.49	.09	3.39	1302	1	.02	12	.17	13	.06	<2	<2	84	<5	.08	<5	197	70	41
283157	.2	2.86	215	<5	45	<10	3.55	<1	318	49	261	5.42	.24	2.73	1436	2	.01	16	.16	9	.08	<2	<2	85	<5	.07	<5	130	262	445
283158	.6	2.33	33	<5	90	<10	2.46	<1	28	12	263	4.66	.16	2.00	1165	3	.02	7	.14	13	.80	<2	<2	57	<5	.05	<5	76	217	210
283159	1.3	3.68	52	<5	35	<10	5.70	<1	30	40	886	7.55	.09	3.47	1594	1	.01	17	.16	18	1.19	<2	<2	113	<5	.12	<5	219	82	35
283160	38.6	.62	90	<5	23	<10	.30	392	9	25	2617	8.32	.07	.38	1183	25	.01	5	.04	>10000	>10	<2	<2	16	14	.01	<5	15	>10000	2475
283161	.4	3.99	41	<5	33	<10	3.66	<1	22	40	116	7.40	.05	3.97	1290	2	.02	12	.18	15	.46	<2	<2	79	<5	.08	<5	241	67	29
283162	.3	3.92	66	<5	103	<10	3.57	<1	26	194	149	7.83	.13	4.15	1314	4	.01	19	.17	19	.79	5	<2	82	<5	.10	<5	240	56	34
283163	.4	3.53	102	<5	106	<10	4.62	<1	73	38	105	6.79	.12	3.61	1220	3	.01	14	.16	15	.39	<2	<2	92	<5	.09	<5	224	67	160
284976	.1	1.53	7	<5	69	<10	1.41	<1	13	8	31	3.16	.26	1.24	584	2	.02	1	.15	10	.01	<2	<2	34	<5	.02	<5	45	73	15
284977	.2	1.28	24	<5	93	<10	1.94	<1	12	7	251	2.72	.24	1.00	516	1	.01	2	.16	11	.02	3	<2	39	<5	.03	<5	42	43	35
284978	.1	1.45	10	<5	102	<10	1.65	<1	9	10	80	2.97	.23	1.15	536	2	.02	11	.15	9	.01	2	<2	33	<5	.02	<5	52	42	34
284979	.2	1.24	8	<5	68	<10	2.07	<1	10	8	48	2.78	.21	.98	475	1	.01	3	.16	12	.02	4	<2	24	<5	.03	<5	47	48	19
284980	38.9	.65	95	<5	20	<10	.37	382	11	25	2691	8.44	.08	.41	1254	25	.01	5	.04	>10000	>10	<2	<2	17	16	.01	<5	15	>10000	2490
284981	.1	1.53	10	<5	144	<10	1.81	<1	9	7	58	2.96	.27	1.14	597	2	.02	2	.16	7	.01	2	<2	32	<5	.02	<5	39	44	12
284982	.4	1.74	18	<5	103	<10	.92	<1	49	6	127	3.87	.26	1.33	591	4	.01	3	.14	5	.02	<2	<2	20	<5	.04	<5	50	75	510
284983	1.9	2.38	31	<5	98	<10	.82	<1	143	14	310	6.95	.17	1.95	982	3	.02	4	.13	10	.01	<2	<2	18	<5	.05	<5	117	88	28650
284984	.9	2.35	13	<5	85	<10	.59	<1	38	11	161	5.15	.20	1.94	809	1	.01	2	.12	11	.01	<2	<2	12	<5	.03	<5	55	95	720
284985	.7	2.19	55	<5	91	<10	.36	<1	42	13	160	6.22	.24	1.57	852	2	.02	1	.18	13	.02	<2	<2	9	<5	.04	<5	68	125	45950
284986	3.7	.24	53	<5	18	<10	.52	<1	8	81	348	6.60	.06	.12	205	9	.01	2	.09	22	.01	5	<2	11	<5	.02	<5	162	17	102950
284987	5.5	.39	73	<5	20	<10	.17	<1	12	69	382	10.33	.05	.20	287	10	.02	1	.07	29	.01	11	<2	7	<5	.01	<5	245	32	198500
284988	1.2	2.58	26	<5	107	<10	.39	<1	38	8	658	5.79	.18	1.96	1172	5	.01	2	.21	40	.02	<2	<2	10	<5	.02	<5	53	315	420
284989	.7	1.52	51	<5	91	<10	.29	1	45	13	288	4.54	.24	.84	791	1	.02	3	.16	33	.01	6	<2	8	<5	.03	<5	41	676	195
284990	.3	.97	<5	<5	270	<10	.60	<1	6	52	5	2.04	.25	.72	392	2	.04	3	.10	6	.01	<2	<2	30	<5	.16	<5	69	58	5

Mar C109-04

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

TEUTON RESOURCES CORP.

GEOCHEMICAL ANALYSIS CERTIFICATE

Project:
Sample Type: Cores

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. 2092396
Date: September 17, 2009

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
283185	.3	1.61	9	<5	64	<10	3.34	<1	14	13	296	3.44	.21	1.33	887	1	.02	3	.15	6	.01	6	<2	46	<5	.03	<5	56	58	150
283186	.9	1.86	7	<5	50	<10	3.55	1	18	12	746	3.78	.17	1.57	867	1	.01	6	.16	10	.02	5	<2	64	<5	.04	<5	65	73	105
283187	.7	2.05	8	<5	74	<10	1.41	<1	9	6	6	3.66	.25	1.73	778	2	.02	2	.15	8	.01	3	<2	22	<5	.03	<5	49	58	65
283188	.1	1.75	28	<5	78	<10	2.12	<1	8	5	17	3.06	.36	1.41	742	1	.01	3	.14	5	.01	2	<2	29	<5	.02	<5	41	48	105
283189	.2	1.53	10	<5	76	<10	2.86	<1	5	9	15	2.74	.33	1.22	663	2	.02	2	.15	4	.02	3	<2	34	<5	.03	<5	47	41	100
283190	.1	.98	14	<5	360	<10	.62	<1	6	51	5	2.53	.36	.78	382	1	.05	3	.08	6	.01	<2	<2	29	<5	.13	<5	65	63	8
283191	.2	1.71	28	<5	84	<10	1.22	<1	5	8	20	3.01	.40	1.35	529	2	.02	1	.15	5	.03	3	<2	24	<5	.04	<5	41	71	54
283192	.1	1.62	17	<5	82	<10	1.34	<1	10	7	13	3.06	.37	1.28	517	1	.01	3	.16	4	.01	2	<2	31	<5	.03	<5	40	37	61
283193	.2	1.58	8	<5	72	<10	1.33	<1	7	8	20	3.12	.29	1.38	533	2	.02	2	.15	5	.02	<2	<2	27	<5	.02	<5	47	35	52
283194	.1	1.38	24	<5	57	<10	1.65	<1	7	11	26	3.05	.22	1.18	500	2	.02	2	.16	5	.01	5	<2	36	<5	.04	<5	56	27	47
283195	.2	1.44	7	<5	69	<10	1.74	<1	8	12	19	3.11	.23	1.22	511	1	.03	3	.14	2	.02	<2	<2	34	<5	.03	<5	49	28	30
283196	.1	1.63	8	<5	68	<10	1.80	<1	7	6	22	2.97	.26	1.42	547	1	.01	2	.15	6	.01	<2	<2	32	<5	.02	<5	42	32	15
283197	.2	1.71	7	<5	81	<10	.98	<1	39	5	28	3.03	.33	1.41	426	2	.02	3	.16	4	.03	6	<2	22	<5	.04	<5	40	31	70
283198	2.5	1.87	16	<5	63	<10	1.59	<1	7	7	30	3.23	.31	1.67	529	1	.01	2	.15	3	.01	<2	<2	29	<5	.03	<5	43	33	34
283199	.1	1.91	20	<5	97	<10	1.45	<1	5	6	29	3.35	.27	1.71	548	1	.02	1	.16	4	.02	3	<2	28	<5	.04	<5	42	34	14
283200	36.5	.68	74	<5	17	13	.37	391	10	25	2556	8.52	.08	.42	1366	23	.01	6	.04	>10000	>10	4	<2	17	15	.01	<5	18	>10000	2410
283201	.1	1.78	13	<5	84	<10	1.61	1	7	9	38	3.79	.22	1.63	541	1	.02	3	.15	19	.01	3	<2	33	<5	.05	<5	61	89	19
283202	.2	1.58	22	<5	56	<10	1.36	<1	21	11	52	3.55	.18	1.27	474	2	.03	4	.16	10	.02	2	<2	32	<5	.02	<5	56	64	53
283203	.1	1.37	22	<5	63	<10	2.34	<1	7	9	82	3.30	.17	1.07	524	2	.02	2	.14	5	.01	<2	<2	45	<5	.03	<5	49	52	49
283204	.3	1.69	26	<5	75	<10	1.12	<1	9	8	44	3.73	.21	1.31	532	1	.03	1	.16	7	.03	3	<2	26	<5	.04	<5	47	62	20
283205	.2	3.73	6	<5	37	<10	5.06	3	42	17	73	8.38	.13	3.18	1826	1	.02	25	.14	6	.06	2	<2	94	<5	.09	<5	185	274	160
283206	.5	4.00	71	<5	29	<10	4.76	2	31	15	82	8.04	.12	3.59	1876	2	.01	21	.16	18	1.16	<2	<2	98	<5	.08	<5	188	177	70
283207	.3	4.15	33	<5	32	<10	5.12	1	26	41	100	6.96	.06	4.03	1929	1	.02	16	.18	6	.31	3	<2	105	<5	.07	<5	246	92	9
283208	.4	3.82	30	<5	25	<10	7.23	2	28	55	63	6.78	.05	3.54	2097	1	.03	17	.17	13	.42	<2	<2	125	<5	.06	<5	233	105	18
283209	.6	1.64	86	<5	57	<10	4.12	6	63	14	819	4.20	.19	1.22	1030	2	.02	4	.10	23	.21	5	<2	73	<5	.03	<5	68	183	430
283210	.2	1.24	39	<5	128	<10	4.62	9	22	12	575	3.27	.13	.85	990	2	.01	3	.11	18	.15	4	<2	121	<5	.02	<5	52	218	54
283251	1.0	4.04	105	<5	29	<10	4.64	2	59	25	338	8.53	.14	3.27	1423	44	.02	20	.16	12	1.40	8	<2	89	<5	.05	<5	280	152	95
283252	.9	4.06	265	<5	54	<10	.55	2	36	25	206	8.86	.10	3.25	1182	3	.01	22	.17	20	.16	3	<2	21	<5	.04	<5	271	130	190
283253	.4	5.23	51	<5	38	<10	2.67	3	29	38	150	9.25	.05	4.79	1495	2	.02	30	.19	7	.15	7	<2	58	<5	.03	<5	365	84	14
283254	.5	4.42	70	<5	35	<10	3.07	1	29	29	133	8.17	.07	3.93	1342	4	.01	27	.18	4	.14	<2	<2	75	<5	.06	<5	320	85	18
283255	.4	3.65	58	<5	34	<10	2.02	2	24	16	278	6.75	.08	3.20	1186	2	.02	11	.17	7	.20	<2	<2	44	<5	.02	<5	222	111	65
283256	1.0	2.10	374	<5	53	<10	.30	<1	30	12	693	4.40	.13	1.64	635	3	.01	2	.14	10	.14	<2	<2	7	<5	.01	<5	88	108	180
283257	.8	1.93	90	<5	50	<10	.24	<1	9	14	253	4.12	.11	1.51	507	1	.02	3	.12	13	.02	<2	<2	6	<5	.02	<5	89	94	75
283258	1.8	1.94	140	<5	54	<10	.28	<1	16	12	234	4.17	.09	1.53	514	2	.01	4	.11	132	.05	3	<2	7	<5	.01	<5	120	104	240
283259	2.1	2.21	156	<5	65	<10	.56	2	29	11	1464	4.52	.10	1.73	700	1	.02	3	.12	22	.14	5	<2	15	<5	.02	<5	102	146	165

APPENDIX IV

ASSAY CERTIFICATES