

# 1997 ASSESSMENT REPORT ON THE CLEAR CREEK PROPERTY

093 763

Dawson Mining District, Yukon  
(September 15-27, 1997)

**Location:** 1. 365 km North of Whitehorse, Y.T.  
2. NTS Sheet 115 P/14  
3. Latitude 63°50'  
Longitude 137°10'

**Claims:** CC 1-96 (YB45087-YB45182)  
CC 97-131 (YB47963-YB47977)  
DUM 1-34 (YB40487-YB40520)  
RUM 1-50 (YA88956-YA89005)  
RUM 51-90 (YA89345-YA89384)  
RYE 1-24 (YB05624-YB05647)  
RYE 29-41 (YB05652-YB05664)  
RYE 43, 45 (YB05665, YB05666)  
RYE 47, 49 (YB05667, YB05668)  
RYE 51, 54 (YB05669, YB05671)  
RYE 56 (YB05673 )  
RYE 61-62 (YB05678-YB05679)  
RYE 75-84 (YB05692-YB05701)

**For:** **NEW MILLENNIUM MINING LTD.**  
7979 East Tufts Avenue  
Suite 640, Stanford Place 2  
Denver, Colorado  
80237

**By:** R. Allan Doherty, P. Geo.  
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December 19, 1997



This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 44,475.00.

*M. B. [Signature]*  
for Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

## TABLE OF CONTENTS

	Page
TABLE OF CONTENTS	i
INTRODUCTION	1
Location and Access	1
Physiography, Climate, and Vegetation	1
Property	3
PROPERTY GEOLOGY	5
MINERALIZATION	6
1997 EXPLORATION RESULTS	6
Introduction	6
Lewis Gulch Soil Grid	6
Barney Ridge Trenching	6
Saddle Zone Trenching	9
CONCLUSIONS AND RECOMMENDATIONS	10
REFERENCES	11
STATEMENT OF QUALIFICATIONS (RAD)	12
STATEMENTS OF COSTS	13
<u>LIST OF FIGURES</u>	
Figure 1: Location Map;	1:6,000,000 2
Figure 2: Claim Map;	1:50,000 4
Figure 3: Location of 1997 Trenching and Grids;	1:50,000 7
Figure 4: Lewis Gulch Soil Grid;	1:5,000 8
Figure 5: Barney Ridge Trenching	Appendix B
Figure 6: Saddle Zone Trenching	Appendix B
<u>LIST OF TABLES</u>	
Table I Claim data:	3
<u>LIST OF APPENDICES</u>	
Appendix A SOIL SAMPLE ANALYSES	
Appendix B TRENCH PLAN MAPS AND ANALYTICAL RESULTS	

## INTRODUCTION

This report was prepared at the request of Hans Smit of New Millennium Mining Ltd. Its purpose is to report on the 1997 property assessment work completed between September 15-27, 1997. The work was completed by Aurum Geological Consultants Inc and included establishing a soil grid over the Rye 2, 29 and 30 Claims, caterpillar trenching on the Saddle Zone (Rye 12 Claim) and caterpillar trenching on Barney Ridge (CC17, 19 & 21 Claims). A four person crew consisting of Dennis Ouellette, Brian Sauer, Mike Wienert, Blair Blois, and Todd Parsons completed the work program. The crew was assisted by a Kubota operator supplied by Ampex Mining Ltd., and by a D8 caterpillar supplied by Blackstone Placer Mining Ltd. who also supplied meals and lodging for the crew.

### Location and Access

The Clear Creek Property is located about Left Clear Creek, and covers the northern portion of the West Ridge, a north-northwest trending mountain range. The property covers the east-central portion of NTS map area 115P/14. The geographic coordinates of a point approximately in the centre of the property are 63°50' north latitude and 137°10' west longitude (Figure 1).

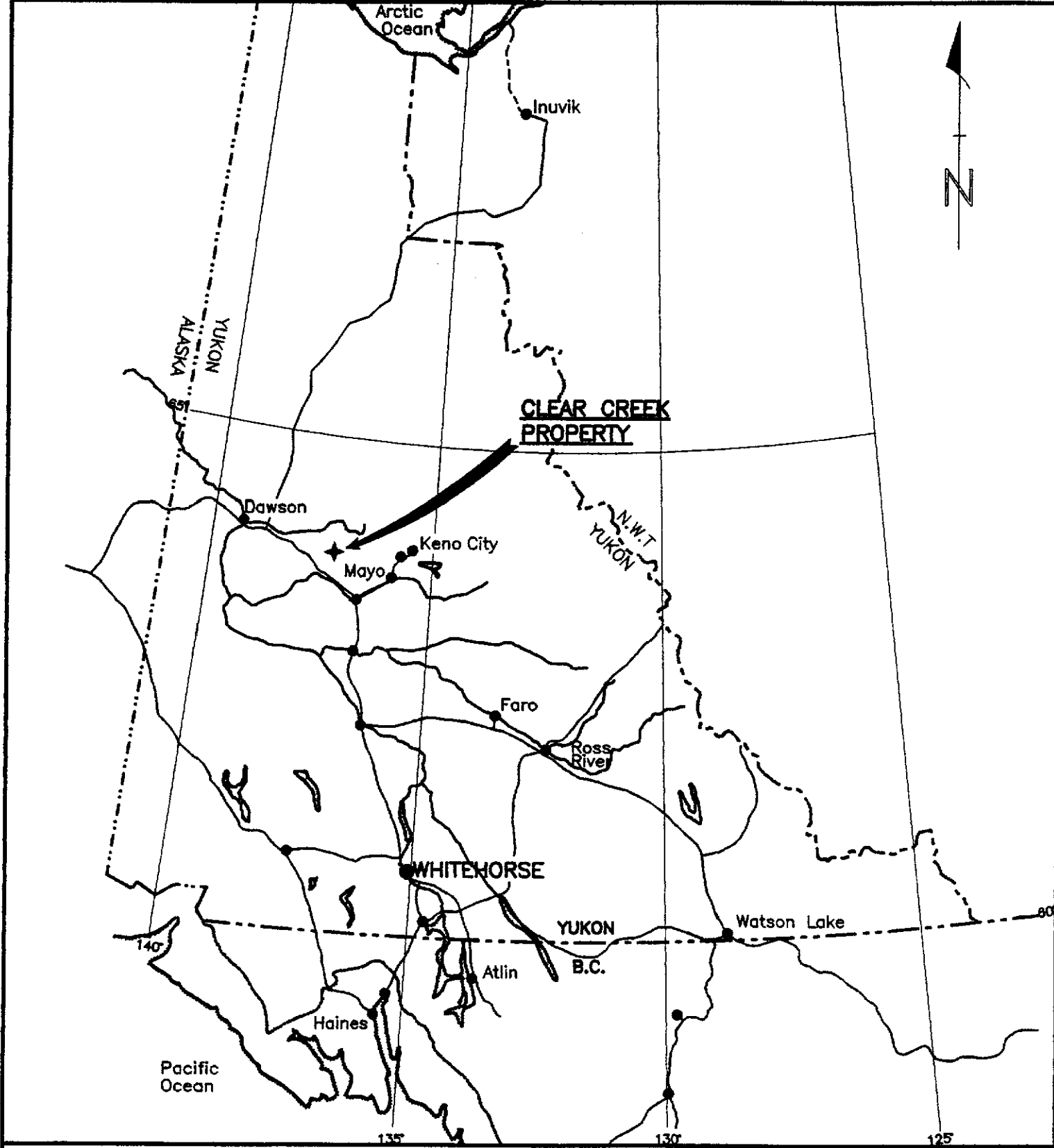
Access to the property is via the Klondike Highway (#2) north of Whitehorse for 435 km and then 37 km east on a seasonal gravel road over Barlow Dome to the western boundary of the property on Left Clear Creek. A gravel road and 4 x 4 trails provides good access to a large portion of the property.

### Physiography, Climate, and Vegetation

The Clear Creek Property straddles the north-south trending West Ridge located in the southern Ogilvie Mountain Range. Elevations range from 1200 m to over 1800 m.

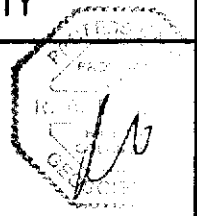
An interior continental climate with moderate to low precipitation (30 cm annually), warm summers and cold winters typifies the area. Permafrost is discontinuous, present only on the steeper north and east facing slopes and low marshy forested areas. The property is normally snow free from mid June to late September.

Most of the property is above treeline; ground cover consists of moss, alpine plants, dwarf willow and birch. The most recent glaciation did not cover this area of the Yukon except for small alpine glaciers on the highest peaks. As a result outcrop exposure is poor (~5%) except on ridge tops and incised drainage channels and gullies. A large portion of the property is covered by felsenmeer and talus fines.



**NEW MILLENNIUM MINING LTD.**  
**CLEAR CREEK PROPERTY**  
 DAWSON MINING DISTRICT

**PROPERTY  
 LOCATION  
 MAP**



## Property

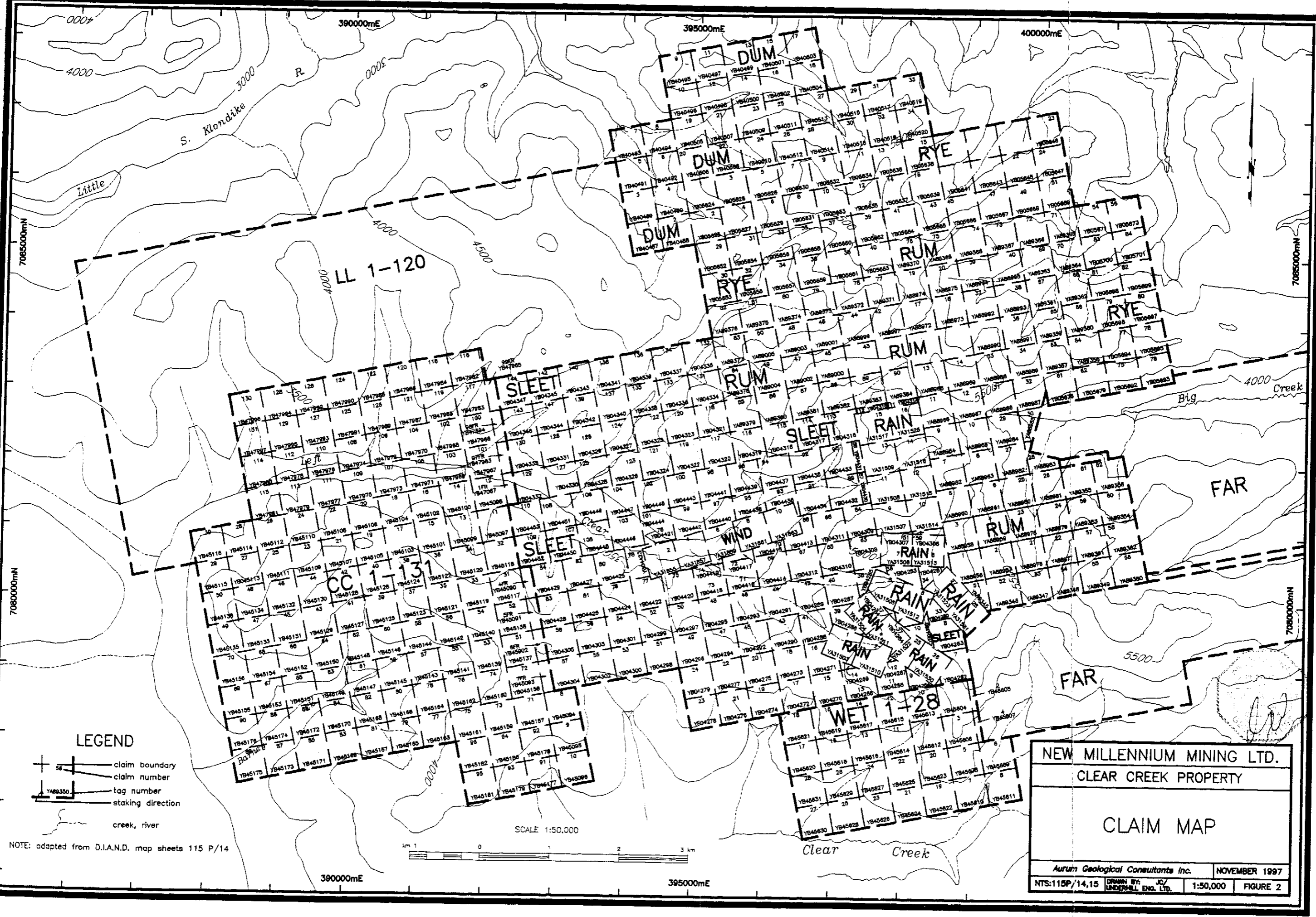
The entire Clear Creek Property consists of 490 contiguous unsurveyed two post quartz claims (Figure 2), staked in accordance with the Yukon Quartz Mining Act. The claims are all within the Dawson Mining District, cover an area of approximately 10,241 hectares (26,000 acres), and are known collectively as the Clear Creek Property. This report deals with the work conducted in 1997 to cover assessment requirements on a total of 311 claims. The claims are 100% owned by New Millennium Mining Ltd.

Current claim data are tabulated as follows:

**TABLE I - Claim Data and Expiry Dates**

CLAIM NAME	GRANT No.	No. CLAIMS	EXPIRY DATE (Y/M/D) *
CC 1-96	YB45087-YB45182	96	99.06.08
CC 97-131	YB47963-YB47977	35	99.06.08
DUM 1-34	YB40487-YB40520	34	99.06.08
RUM 1-50	YA88956-YA89005	50	99.06.08
RUM 51-90	YA89345-YA89384	40	99.06.08
RYE 1-24	YB05624-YB05647	24	99.06.08
RYE 29-41	YB05652-YB05664	13	99.06.08
RYE 43	YB05665	1	99.06.08
RYE 45	YB05666	1	99.06.08
RYE 47	YB05667	1	99.06.08
RYE 49	YB05668	1	95.06.08
RYE 51	YB05669	1	99.06.08
RYE 54	YB05671	1	99.06.08
RYE 56	YB05673	1	99.06.08
RYE 61-62	YB05678-YB05679	2	99.06.08
RYE 75-84	YB05692-YB05701	10	99.06.08

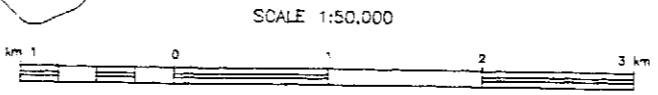
\* SUBJECT TO ACCETANCE OF 1997 ASSESSEMNT REPORT



**LEGEND**

- claim boundary
- claim number
- tag number
- staking direction
- creek, river

NOTE: adapted from D.I.A.N.D. map sheets 115 P/14



<b>NEW MILLENNIUM MINING LTD.</b>	
<b>CLEAR CREEK PROPERTY</b>	
<b>CLAIM MAP</b>	
<small>Aurum Geological Consultants Inc.</small>	<small>NOVEMBER 1997</small>
<small>NTS:115P/14,15</small>	<small>1:50,000</small>
<small>JO/ UNDERMILL ENO. LTD.</small>	<small>FIGURE 2</small>

## PROPERTY GEOLOGY

Geology of the Clear Creek Property and the surrounding area has been described in detail in a report on the property by Doherty (1994) and is summarized below, from that report.

The Clear Creek Property and immediate surrounding area is underlain by variably deformed and low-grade metamorphosed metasedimentary rocks of the Proterozoic Hyland Group. The Hyland Group is part of a warped northerly dipping structural panel (Murphy and Heon, 1994), which has been intruded by a number of Cretaceous stocks and dykes.

Seven Cretaceous stocks are found on the property and vary in composition from porphyritic quartz monzonite to granodiorite and diorite. Granite phases are present in some of the stocks located on the property. Numerous late stage dykes and sills are associated with the main felsic stocks.

On a local scale, the country rocks have been hornfelsed to amphibolite grade at intrusive contacts, and on a regional scale, all of the Hyland Group rocks are metamorphosed to greenschist facies.

Stratigraphic relations are difficult to recognize within the Hyland Group due to the lack of marker horizons, poor outcrop exposure (~5%), degree of metamorphism, and deformation in the area.

Greywacke to dirty quartzite, micaceous quartzite and sericite-muscovite-quartz-biotite semi-schist/phyllite are the predominant lithologies on the Clear Creek Property. Massive quartzite is restricted to several outcrops in the northwest corner of the property.

Hornfelsed quartzite, biotite schist, and massive quartzite are the most common rocks recognized in the south and central part of the property.

Minor skarn and carbonaceous metasediments were mapped in the Northern portion of the property where scheelite was found associated with mm scale quartz veins within the hornfelsed quartzites and schists.

Breccias occur throughout the property, and, are commonly associated with intrusive activity. They are predominantly clast supported with cm scale quartz and schist fragments in a fine quartz, biotite, limonite, and manganese rich matrix. The limonite and manganese contents produce a rusty weathered appearance.

## MINERALIZATION

Previous work programs consisted of geological mapping, geochemical sampling, geophysical surveying, diamond & reverse circulation drilling, trenching, claim surveying, and prospecting on the Clear Creek property.

Previously defined mineralization is summarized in the 1993 and 1994 Summary Reports on the Clear Creek Property by Hulstein and Doherty (1993), Flemming, Hitchins and Orssich (1993), and Doherty (1994).

Arsenic and bismuth values locally have a high positive correlation with gold (Hulstein and Doherty, 1993) and is commonly associated with tombstone suite intrusions

## 1997 EXPLORATION RESULTS

### Introduction

In 1997, a D8K bulldozer owned by Blackstone Placer Mining Ltd., and a Kubota 71 supplied by Ampex Mining Ltd. were used for trenching and access to the work sites to conduct further mineral exploration. Three areas on the property were the focus of the 1997 work. The work consisted of a soil grid on the Rye 12, 29, & 30 Claims at the head of Lewis gulch; Kubota trenching and blasting on the Saddle Zone on the Rye 12 Claim; and D8 Caterpillar trenching on Barney Ridge ( Figure 3). In total approximately 60 man days of work was completed on the property. Samples submitted for analyses included 144 rock and 149 soil samples.

### Lewis Gulch Soil Grid

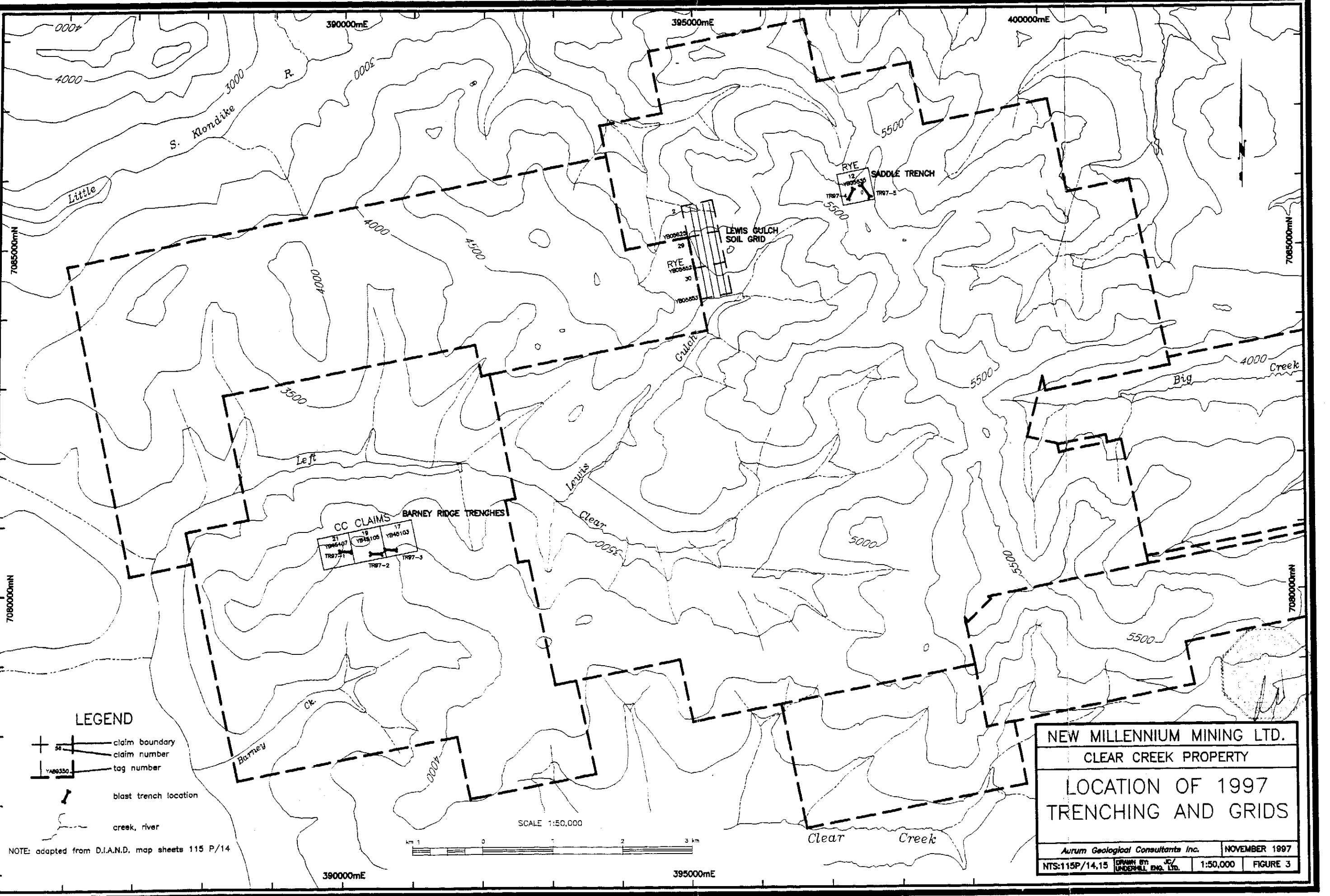
Aurum Geological Consultants Inc. established a picket grid over the Rye 12, 29 & 30 Claims. The grid consisted of a five 1500 metre north-south soil lines with samples collected at 50 m intervals along the lines. A total of 149 soil samples were collected and analysed for gold plus 31 element ICP by Chemex Labs Ltd.

Figure 4 shows the location of the soil lines with respect to the claims and has gold and arsenic values plotted for each sample site. Twenty-four sites on the grid were not sampled because of blocky talus or a poorly developed soil horizon and an additional twenty-five samples had insufficient sample material to run a gold fire assay.

The results from the soil sampling program were generally at background levels for most elements. Arsenic and antimony are slightly elevated on a few consecutive sample sites. Areas of >200 ppm As are outlined in grey on Figure 4. Gold is above <5 ppb in only a dozen or so samples. Geochemical analyses are found in Appendix A.

### Barney Ridge Trenching (Trenches 97-1, 97-2 & 97-3)

A total of 351 linear meters of trenching were completed on Barney Ridge in Trenches 9-1, 97-2, and 97-3. Plan maps of the trenches with geochemical analyses are found in Appendix B. The ground was both frozen and deeply weathered and no significant bedrock or visible mineralization was exposed in these trenches.

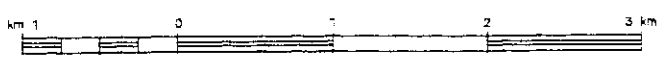


**LEGEND**

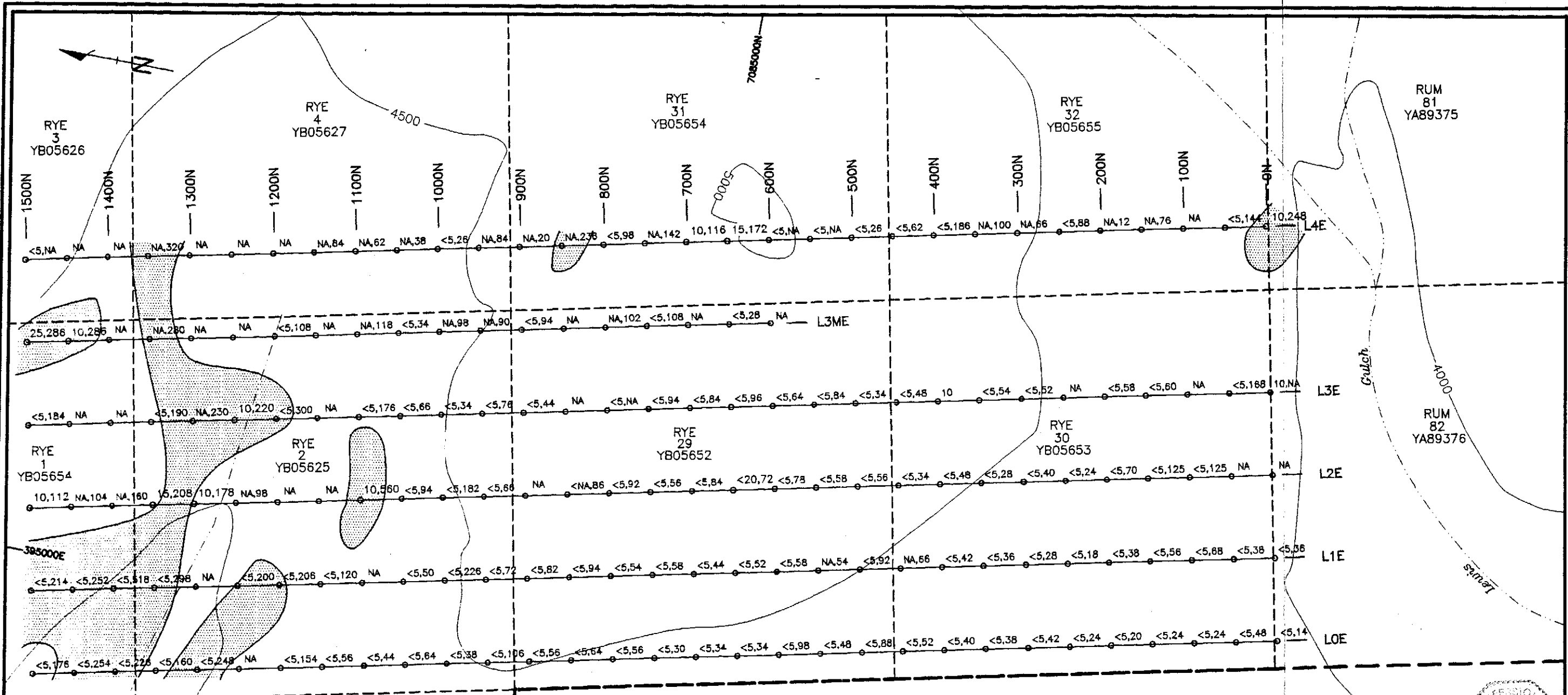
- claim boundary
- claim number
- tag number
- blast trench location
- creek, river

NOTE: adapted from D.I.A.N.D. map sheets 115 P/14

SCALE 1:50,000

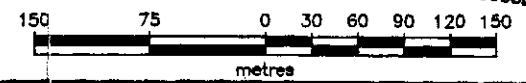


NEW MILLENNIUM MINING LTD.	
CLEAR CREEK PROPERTY	
LOCATION OF 1997 TRENCHING AND GRIDS	
Aurum Geological Consultants Inc.	NOVEMBER 1997
NTS:115P/14,15	DRAWN BY UNDERHILL ENG. LTD.
1:50,000	FIGURE 3



**LEGEND**

- CLAIM LINE
- CLAIM NAME  
TAG NUMBER  
CLAIM NUMBER
- CLAIM GROUP BOUNDARY
- CREEK
- ELEVATION CONTOUR (500 FT INTERVAL)
- GRID LINE, FLAGGED
- SOIL SAMPLE LOCATION
- ASSAY RESULT  
Au PPB, As PPM
- NO SAMPLE TAKEN
- As CONTOUR >200 PPM



<b>NEW MILLENNIUM MINING LTD.</b>	
<b>CLEAR CREEK PROPERTY</b>	
<b>LEWES GULCH GRID</b>	
<small>Aurum Geological Consultants Inc.</small>	<small>NOVEMBER 1997</small>
<small>NTS: 1:1500/14,15</small>	<small>DRAWN BY: JG/ UNDERHILL ENG. LTD.</small>
<small>1:5,000</small>	<small>FIGURE 4</small>



### **Trench 97-1**

Trench 97-1 was located on the Barney Ridge grid at approximately L0700N and between 0100w and 0+00. This trench intersected poorly exposed hornblende-biotite diorite with minor chloritic schist and quartzite. Eighty-seven 1.5 m long samples were collected along the length of the trench. The results are generally at background values with one anomalous sample returning 275 ppb Au from a 1.5 m chip sample between 88.5 to 90.0 meters.

### **Trench 97-2**

Trench 97-2 was located on the Barney Ridge grid on L0600N between 0360E and 0460E approximately 20 m east of trench 97-1. T97-2 intersected predominantly grey-white, well foliated and fractured quartzite with occasional abundant iron oxides on fractures; graphitic schist zones; and abundant quartz veining. Some of the quartzites graded into quartz sericite schist. The best sample returned 100 ppb Au from the interval between 21.0 to 22.5 meters.

### **Trench 97-3**

This trench was located on the Barney Ridge Grid at L0600N between 0650E and 0770E. This trench was cut in frozen colluvium material and all samples collected were of float exposed by the D8 ripper bar. The material exposed was white to grey quartzite with infrequent graphitic schist layers and quartz sericite schist. Four grab samples were collected from T97-3 with a high of 190 ppb Au at 28.0 meters.

### **Saddle Zone Trenching**

Trenches 97-4 and 97-5 totalling 87 linear meters of trenching were completed on the eastern side of the Saddle Zone Grid. The Trenching was just off the eastern end of the 1994 soil grid.

### **Trench 97-4**

Trench 97-4 was located 200 m off the east end of L5500N on the 1994 grid where the wing line crosses the access road to the Saddle Zone. The trench exposed blocky quartz monzonite with infrequent 0.5-1 cm grey quartz veins with arsenopyrite, pyrite and pyrrhotite as disseminations and fracture coatings. This trench returned numerous anomalous gold results between 200 and 2600 ppb Au. One continuous zone between 4.5 m and 15 m returned a weighted analyses of 1.13 g/t Au over 10.5 meters. The zone was noted because of the magnetic response from the pyrrhotite on fracture planes which appears to correspond well with the zone of mineralization. Prior to the trenching there was no evidence of a quartz monzonite dyke in the area except for three small outcrops 150 meters west of the trench.

### **Trench 97-5**

Trench 97-5 was located approximately 50 m north of T97-4 and intersected narrow quartz monzonite dykes cutting finely laminated quartzites and a 1.5 m wide biotite lamprophre dyke. The best results were 210 ppb Au and 490 ppb Au from two consecutive 1.5 m samples across a biotite-hornblende quartz monzonite dyke between 33 and 36 meters. The monzonite hosted disseminated pyrite and arsenopyrite.

## CONCLUSIONS AND RECOMMENDATIONS

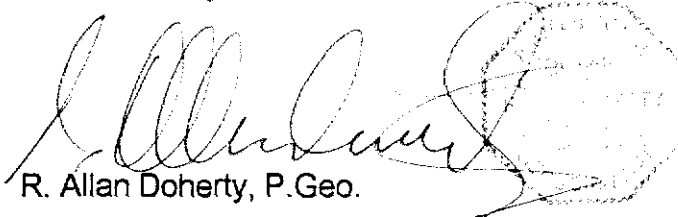
The Clear Creek Property is underlain by a sequence of metamorphosed and deformed sedimentary rocks of the Late Proterozoic-Early Paleozoic Hyland Group. These rocks are intruded by seven Cretaceous stocks. These vary in composition from megacrystic quartz monzonite (plus medium and fine grained phases) to diorite.

In 1997, a total of 438 linear meters of D8 Caterpillar and Kubota trenching was completed on the Saddle and Barney ridge areas. A soil grid was completed over the Rye 12, 29 and 30 Claims at the upper end of Lewis Gulch.

One Trench on the Saddle Zone T97-4 intersected blocky quartz monzonite with disseminated and fracture coatings of Pyrite, arsenopyrite and pyrrhotite. A continuous series of 1.5 m long chips returned a weighted analyses of 1.13 g/t Au over 10.5 meters.

It is recommended that additional trenching, rock sampling, and reverse circulation drilling should be considered to further test the Saddle Zone. Since pyrrhotite is present at the contacts of the quartz monzonite dikes, a magnetometer survey could possibly assist in locating zones of interest.

Respectfully submitted,  
*Aurum Geological Consultants Inc.*

  
R. Allan Doherty, P. Geo.

December 19, 1997

## REFERENCES

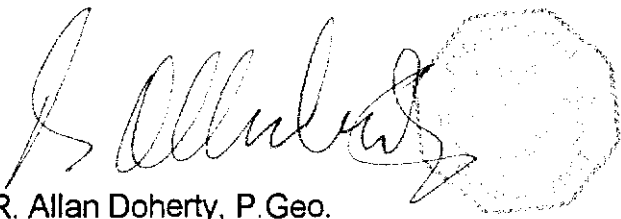
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- Rainbird, R. H., 1982. Geological and Geochemical Assessment Report on the West Ridge Claims (C.C. Group), Dawson Mining District.
- Tempelman-Kluit, D.J., 1979. Transported Cataclasite, Ophiolite and Granodiorite in Yukon: Evidence of Arc-Continent Collision; Geological Survey of Canada, Paper 79-14.
- Wheeler, J.O. and McFeely, P., 1991. Tectonic Assemblage Map of the Canadian Cordilleras and Adjacent parts of the United States of America; Geological Survey of Canada, Map 1712A, scale 1:2,000,000.

## STATEMENT OF QUALIFICATIONS (RAD)

I, R. Allan Doherty, with business address:  
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205 - 100 Main Street  
P.O. Box 4367  
Whitehorse, Yukon  
Y1A 3T5

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon.
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland (1978-81). I have been involved in geological mapping and mineral exploration continuously since then.
3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564, and of the CIMM.
4. I supervised the 1997 work program and the preparation of this report on the Clear Creek Property which is based on data collected during property work in 1997 by Aurum Geological Consultants Inc. and on data provided by New Millennium Mining Ltd.
5. I have no direct or indirect interests in the properties or securities of New Millennium Mining Ltd.
6. I consent to the use of this report by New Millennium Mining Ltd. provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

December 19, 1997

  
R. Allan Doherty, P. Geo.



**APPENDIX A  
SOIL SAMPLE ANALYSES  
CHEMEX REPORT A9745020**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

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V6C 3L6

Page Number : 1-A  
Total Pages : 5  
Certificate Date: 08-0C  
Invoice No. : 197450  
P.O. Number :  
Account : MSQ

Project :  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS

### A9745020

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
LO 0000N	201 202	< 5 < 0.2	1.03	14	60 < 0.5	< 2	0.04 < 0.5	2	14	13	1.25 < 10	< 1	0.02	10	0.15	190				
LO 0050N	201 202	< 5 < 0.2	1.42	48	70 < 0.5	< 2	0.09 < 0.5	5	34	13	2.33 < 10	< 1	0.05	10	0.51	190				
LO 0100N	201 202	< 5 < 0.2	1.21	24	70 < 0.5	< 2	0.08 < 0.5	3	26	13	1.55 < 10	< 1	0.04	10	0.39	100				
LO 0150N	201 202	< 5 < 0.2	1.31	24	120 < 0.5	< 2	0.14 < 0.5	9	28	26	2.15 < 10	< 1	0.06	10	0.42	490				
LO 0200N	201 202	< 5 < 0.2	1.24	20	70 < 0.5	< 2	0.11 < 0.5	5	27	12	1.87 < 10	< 1	0.06	10	0.43	180				
LO 0250N	201 202	< 5 < 0.2	1.36	24	100 < 0.5	< 2	0.11 < 0.5	5	31	15	1.95 < 10	< 1	0.06	20	0.44	170				
LO 0300N	201 202	< 5 < 0.2	1.62	42	100 < 0.5	< 2	0.15 < 0.5	6	35	19	2.52 < 10	< 1	0.08	20	0.58	210				
LO 0350N	201 202	< 5 < 0.2	1.72	38	120 < 0.5	< 2	0.13 < 0.5	8	32	19	2.67 < 10	< 1	0.07	20	0.53	320				
LO 0400N	201 202	< 5 < 0.2	1.76	40	110 < 0.5	< 2	0.16 < 0.5	8	31	21	2.70 < 10	< 1	0.08	20	0.51	315				
LO 0450N	201 202	< 5 < 0.2	1.64	52	130 < 0.5	< 2	0.16 < 0.5	7	37	19	2.80 < 10	< 1	0.09	20	0.55	310				
LO 0500N	201 202	< 5 < 0.2	1.23	88	90 < 0.5	< 2	0.12 < 0.5	6	33	20	2.29 < 10	< 1	0.08	10	0.50	195				
LO 0550N	201 202	< 5 < 0.2	1.72	48	100 < 0.5	< 2	0.17 < 0.5	10	33	23	2.66 < 10	< 1	0.08	20	0.55	360				
LO 0600N	201 202	< 5 < 0.2	1.33	98	100 < 0.5	< 2	0.14 < 0.5	7	29	21	2.43 < 10	< 1	0.08	20	0.50	285				
LO 0650N	201 202	< 5 < 0.2	1.26	34	170 < 0.5	< 2	0.13 < 0.5	4	25	15	1.68 < 10	< 1	0.08	10	0.33	155				
LO 0700N	201 202	< 5 < 0.2	1.70	34	130 < 0.5	< 2	0.14 < 0.5	7	26	22	2.49 < 10	< 1	0.09	20	0.54	355				
LO 0750N	201 202	< 5 < 0.2	1.78	30	150 < 0.5	< 2	0.14 < 0.5	6	27	21	2.31 < 10	< 1	0.07	10	0.48	185				
LO 0800N	201 202	< 5 < 0.2	1.62	56	160 < 0.5	< 2	0.15 < 0.5	10	27	22	2.67 < 10	< 1	0.09	20	0.47	490				
LO 0850N	201 202	< 5 < 0.2	1.64	64	150 < 0.5	< 2	0.13 < 0.5	8	27	23	2.83 < 10	< 1	0.10	30	0.44	310				
LO 0900N	201 202	< 5 < 0.2	1.48	56	110 < 0.5	< 2	0.13 < 0.5	8	29	20	2.70 < 10	< 1	0.10	20	0.44	375				
LO 0950N	201 202	< 5 < 0.2	1.77	106	130 < 0.5	< 2	0.12 < 0.5	7	48	21	3.13 < 10	< 1	0.12	20	0.50	285				
LO 1000N	201 202	< 5 < 0.2	1.82	38	100 < 0.5	< 2	0.10 < 0.5	9	25	17	2.99 < 10	< 1	0.06	10	0.43	315				
LO 1050N	201 202	< 5 < 0.2	1.78	64	110 < 0.5	< 2	0.10 < 0.5	9	24	18	2.94 < 10	< 1	0.10	20	0.37	385				
LO 1100N	201 202	< 5 < 0.2	1.54	44	70 < 0.5	< 2	0.10 < 0.5	5	23	18	2.88 < 10	< 1	0.08	10	0.32	265				
LO 1150N	201 202	< 5 < 0.2	1.21	56	80 < 0.5	< 2	0.11 < 0.5	5	26	19	2.29 < 10	< 1	0.09	10	0.32	200				
LO 1200N	201 202	< 5 < 0.2	2.31	154	140 < 0.5	< 2	0.30 < 0.5	19	68	28	4.50 < 10	< 1	0.17	20	1.20	740				
LO 1250N	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
LO 1300N	201 202	not/ss	< 0.2	1.19	248	80 < 0.5	< 2	0.10 < 0.5	16	23	30	3.70 < 10	< 1	0.13	30	0.32	1250			
LO 1350N	201 202	< 5 < 0.2	3.00	160	80 < 0.5	< 2	0.41 < 0.5	26	116	38	5.65 < 10	< 1	0.29	30	2.03	830				
LO 1400N	201 202	< 5 < 0.2	2.13	226	120 < 0.5	< 2	0.10 < 0.5	13	55	26	4.14 < 10	< 1	0.14	30	0.84	550				
LO 1450N	201 202	< 5 < 0.2	0.99	254	100 < 0.5	< 2	0.13 < 0.5	12	21	29	3.09 < 10	< 1	0.14	40	0.26	595				
LO 1500N	201 202	< 5 < 0.2	1.47	176	150 < 0.5	< 2	0.28 < 0.5	11	35	27	3.32 < 10	< 1	0.12	40	0.54	560				
L1 0000N	201 202	< 5 < 0.2	1.63	36	90 < 0.5	< 2	0.10 < 0.5	6	31	16	2.50 < 10	< 1	0.04	10	0.49	215				
L1 0050N	201 202	< 5 < 0.2	1.47	38	80 < 0.5	< 2	0.08 < 0.5	5	30	13	2.39 < 10	< 1	0.04	10	0.43	200				
L1 0100N	201 202	< 5 < 0.2	1.55	68	90 < 0.5	< 2	0.10 < 0.5	8	36	16	2.53 < 10	< 1	0.06	10	0.59	305				
L1 0150N	201 202	< 5 < 0.2	1.53	56	80 < 0.5	< 2	0.09 < 0.5	7	32	15	2.87 < 10	< 1	0.05	10	0.58	265				
L1 0200N	201 202	< 5 < 0.2	1.54	38	80 < 0.5	< 2	0.10 < 0.5	6	32	13	2.54 < 10	< 1	0.06	10	0.54	260				
L1 0250N	201 202	< 5 < 0.2	1.30	18	100 < 0.5	< 2	0.11 < 0.5	6	26	9	1.85 < 10	< 1	0.05	10	0.40	245				
L1 0300N	201 202	< 5 < 0.2	1.60	28	200 < 0.5	< 2	0.18 < 0.5	9	31	23	2.42 < 10	< 1	0.07	10	0.53	360				
L1 0350N	201 202	< 5 < 0.2	1.54	36	100 < 0.5	< 2	0.13 < 0.5	7	32	16	2.23 < 10	< 1	0.07	10	0.52	265				
L1 0400N	201 202	< 5 < 0.2	1.51	42	130 < 0.5	< 2	0.13 < 0.5	5	30	18	2.25 < 10	< 1	0.07	10	0.44	200				

CERTIFICATION:

*Hank Becker*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BARRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

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Account : MSQ

Project :  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745020

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LO 000N	201	202	< 1	< 0.01	7	590	18	< 2	< 1	9	< 0.01	< 10	< 10	17	< 10	16
LO 0050N	201	202	< 1	< 0.01	17	350	10	< 2	1	12	0.04	< 10	< 10	40	< 10	38
LO 0100N	201	202	< 1	< 0.01	14	400	8	< 2	< 1	11	0.03	< 10	< 10	30	< 10	30
LO 0150N	201	202	< 1	< 0.01	18	570	10	< 2	1	15	0.04	< 10	< 10	33	< 10	42
LO 0200N	201	202	< 1	< 0.01	15	360	8	< 2	1	13	0.05	< 10	< 10	32	< 10	36
LO 0250N	201	202	1	< 0.01	16	430	10	< 2	< 1	14	0.03	< 10	< 10	34	< 10	36
LO 0300N	201	202	< 1	< 0.01	22	410	10	< 2	2	16	0.06	< 10	< 10	35	< 10	52
LO 0350N	201	202	< 1	< 0.01	19	470	12	< 2	2	16	0.05	< 10	< 10	38	< 10	54
LO 0400N	201	202	< 1	< 0.01	20	470	14	< 2	3	17	0.05	< 10	< 10	38	< 10	56
LO 0450N	201	202	< 1	< 0.01	21	440	12	< 2	3	18	0.06	< 10	< 10	43	< 10	56
LO 0500N	201	202	1	< 0.01	22	320	18	< 2	1	16	0.06	< 10	< 10	35	< 10	48
LO 0550N	201	202	1	< 0.01	23	480	12	< 2	3	16	0.06	< 10	< 10	38	< 10	60
LO 0600N	201	202	< 1	< 0.01	22	510	14	< 2	1	16	0.05	< 10	< 10	33	< 10	56
LO 0650N	201	202	1	< 0.01	14	590	10	< 2	1	16	0.03	< 10	< 10	29	< 10	38
LO 0700N	201	202	< 1	< 0.01	19	420	12	< 2	3	15	0.05	< 10	< 10	36	< 10	60
LO 0750N	201	202	< 1	< 0.01	17	440	14	< 2	2	13	0.04	< 10	< 10	37	< 10	56
LO 0800N	201	202	< 1	< 0.01	19	500	18	< 2	3	14	0.05	< 10	< 10	39	< 10	60
LO 0850N	201	202	< 1	< 0.01	18	490	22	< 2	3	13	0.04	< 10	< 10	36	< 10	64
LO 0900N	201	202	< 1	< 0.01	19	460	18	< 2	3	13	0.05	< 10	< 10	35	< 10	62
LO 0950N	201	202	< 1	< 0.01	17	420	24	< 2	3	14	0.04	< 10	< 10	41	< 10	62
LO 1000N	201	202	1	< 0.01	18	320	16	2	3	11	0.06	< 10	< 10	45	< 10	56
LO 1050N	201	202	1	< 0.01	18	300	16	2	3	11	0.07	< 10	< 10	47	< 10	52
LO 1100N	201	202	< 1	< 0.01	14	410	16	< 2	1	10	0.04	< 10	< 10	40	< 10	48
LO 1150N	201	202	< 1	< 0.01	13	660	10	2	1	14	0.05	< 10	< 10	37	< 10	46
LO 1200N	201	202	< 1	< 0.01	58	1090	12	2	7	24	0.07	< 10	< 10	67	< 10	80
LO 1250N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
LO 1300N	201	202	1	< 0.01	26	630	28	4	1	13	0.03	< 10	< 10	35	< 10	86
LO 1350N	201	202	< 1	< 0.01	91	1170	14	2	11	31	0.07	< 10	< 10	80	< 10	102
LO 1400N	201	202	< 1	< 0.01	39	510	22	2	5	11	0.02	< 10	< 10	42	< 10	74
LO 1450N	201	202	< 1	< 0.01	30	470	20	4	3	13	0.01	< 10	< 10	21	< 10	74
LO 1500N	201	202	< 1	< 0.01	31	660	18	2	3	17	0.01	< 10	< 10	31	< 10	70
L1 0000N	201	202	< 1	< 0.01	18	370	12	2	2	10	0.04	< 10	< 10	36	< 10	50
L1 0050N	201	202	< 1	< 0.01	16	280	10	2	2	9	0.04	< 10	< 10	36	< 10	44
L1 0100N	201	202	1	< 0.01	22	370	10	< 2	2	11	0.05	< 10	< 10	42	< 10	52
L1 0150N	201	202	< 1	< 0.01	21	270	10	< 2	2	10	0.05	< 10	< 10	41	< 10	56
L1 0200N	201	202	1	< 0.01	19	330	12	< 2	3	10	0.06	< 10	< 10	44	< 10	48
L1 0250N	201	202	< 1	< 0.01	13	330	10	< 2	1	12	0.05	< 10	< 10	37	< 10	30
L1 0300N	201	202	< 1	< 0.01	23	490	12	2	3	16	0.05	< 10	< 10	36	< 10	54
L1 0350N	201	202	< 1	< 0.01	17	360	12	< 2	2	13	0.07	< 10	< 10	36	< 10	44
L1 0400N	201	202	< 1	< 0.01	17	460	12	2	1	14	0.05	< 10	< 10	36	< 10	42

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
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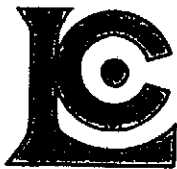
Project :  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745020

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L1 0450N	201 202	not/ss	< 0.2	1.44	66	140	< 0.5	< 2	0.14	< 0.5	6	31	16	2.64	< 10	< 1	0.08	10	0.50	285
L1 0500N	201 202	< 5	< 0.2	1.22	92	110	< 0.5	< 2	0.14	< 0.5	7	27	19	2.61	< 10	< 1	0.09	20	0.50	245
L1 0550N	201 202	not/ss	< 0.2	1.54	54	130	< 0.5	< 2	0.16	< 0.5	8	40	18	2.74	< 10	< 1	0.08	10	0.55	290
L1 0600N	201 202	< 5	< 0.2	1.85	58	160	< 0.5	< 2	0.15	< 0.5	9	49	28	2.98	< 10	< 1	0.08	20	0.70	275
L1 0650N	201 202	< 5	< 0.2	1.75	52	170	< 0.5	< 2	0.14	< 0.5	8	32	24	2.85	< 10	< 1	0.09	10	0.51	320
L1 0700N	201 202	< 5	< 0.2	1.35	44	90	< 0.5	< 2	0.13	< 0.5	6	24	17	2.46	< 10	< 1	0.07	10	0.47	215
L1 0750N	201 202	< 5	< 0.2	1.41	58	130	< 0.5	< 2	0.12	< 0.5	9	25	20	2.65	< 10	< 1	0.09	10	0.47	405
L1 0800N	201 202	< 5	< 0.2	1.56	54	170	< 0.5	< 2	0.19	< 0.5	8	27	27	3.13	< 10	< 1	0.11	20	0.56	365
L1 0850N	201 202	< 5	< 0.2	1.30	94	150	< 0.5	< 2	0.15	< 0.5	8	26	23	2.87	< 10	< 1	0.13	30	0.44	385
L1 0900N	201 202	< 5	< 0.2	1.46	82	130	< 0.5	< 2	0.13	< 0.5	7	28	26	3.32	< 10	< 1	0.14	30	0.42	335
L1 0950N	201 202	< 5	< 0.2	2.16	72	230	0.5	< 2	0.21	< 0.5	9	86	22	3.16	< 10	< 1	0.26	30	0.72	495
L1 1000N	201 202	< 5	< 0.2	1.15	226	90	< 0.5	< 2	0.05	< 0.5	5	20	29	2.53	< 10	< 1	0.15	40	0.19	175
L1 1050N	201 202	< 5	< 0.2	1.49	50	70	< 0.5	< 2	0.08	< 0.5	5	23	15	3.17	< 10	< 1	0.07	10	0.24	230
L1 1100N	201 202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L1 1150N	201 202	< 5	< 0.2	1.16	120	80	< 0.5	< 2	0.13	< 0.5	8	27	18	3.01	< 10	< 1	0.11	20	0.36	480
L1 1200N	201 202	not/ss	< 0.2	1.31	206	160	< 0.5	< 2	0.12	< 0.5	10	42	33	3.01	< 10	< 1	0.20	30	0.41	410
L1 1250N	201 202	< 5	< 0.2	0.91	200	100	< 0.5	< 2	0.08	< 0.5	10	22	26	2.29	< 10	< 1	0.15	40	0.24	375
L1 1300N	201 202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L1 1350N	201 202	< 5	0.2	1.47	298	170	0.5	< 2	0.24	< 0.5	13	44	34	3.47	< 10	< 1	0.17	40	0.44	605
L1 1400N	201 202	< 5	< 0.2	0.94	518	70	< 0.5	< 2	0.26	< 0.5	22	28	54	4.77	< 10	< 1	0.17	50	0.36	1100
L1 1450N	201 202	< 5	< 0.2	1.53	252	90	0.5	< 2	0.35	< 0.5	31	104	59	4.98	< 10	< 1	0.23	40	0.93	1345
L1 1500N	201 202	< 5	< 0.2	1.30	214	90	< 0.5	< 2	0.26	< 0.5	21	43	50	4.24	< 10	< 1	0.18	40	0.57	1185
L2 0050M	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L2 0100M	201 202	< 5	< 0.2	1.60	104	110	< 0.5	< 2	0.08	< 0.5	12	37	16	3.39	< 10	< 1	0.06	10	0.58	530
L2 0150M	201 202	< 5	< 0.2	1.58	122	110	< 0.5	< 2	0.11	< 0.5	6	34	13	2.24	< 10	< 1	0.06	10	0.56	220
L2 0200M	201 202	< 5	< 0.2	1.54	70	110	< 0.5	< 2	0.14	< 0.5	6	32	16	2.43	< 10	< 1	0.06	10	0.54	260
L2 0250M	201 202	< 5	< 0.2	1.47	24	110	< 0.5	< 2	0.12	< 0.5	5	23	13	2.17	< 10	< 1	0.06	10	0.56	225
L2 0300M	201 202	< 5	< 0.2	1.60	40	100	< 0.5	< 2	0.12	< 0.5	7	28	15	2.59	< 10	< 1	0.07	10	0.60	315
L2 0350M	201 202	< 5	< 0.2	1.58	28	120	< 0.5	< 2	0.13	< 0.5	5	30	21	2.34	< 10	< 1	0.07	10	0.52	170
L2 0400M	201 202	< 5	< 0.2	1.36	48	90	< 0.5	< 2	0.11	< 0.5	5	28	16	2.14	< 10	< 1	0.06	10	0.47	165
L2 0450M	201 202	< 5	< 0.2	1.48	34	120	< 0.5	< 2	0.15	< 0.5	7	31	18	2.51	< 10	< 1	0.07	10	0.49	275
L2 0500M	201 202	< 5	< 0.2	1.38	56	120	< 0.5	< 2	0.15	< 0.5	9	30	17	2.55	< 10	< 1	0.07	10	0.48	370
L2 0550M	201 202	< 5	< 0.2	1.58	52	150	< 0.5	< 2	0.15	< 0.5	7	34	21	2.64	< 10	< 1	0.10	20	0.53	250
L2 0600M	201 202	< 5	< 0.2	1.46	78	130	< 0.5	< 2	0.13	< 0.5	7	32	24	2.88	< 10	< 1	0.11	20	0.50	280
L2 0650M	201 202	20	0.2	1.80	72	200	< 0.5	< 2	0.18	< 0.5	8	33	30	2.79	< 10	< 1	0.11	20	0.51	255
L2 0700M	201 202	< 5	< 0.2	1.64	84	120	< 0.5	< 2	0.15	< 0.5	10	36	25	3.01	< 10	< 1	0.16	20	0.62	435
L2 0750M	201 202	< 5	< 0.2	1.19	56	130	< 0.5	< 2	0.12	< 0.5	6	24	20	2.69	< 10	< 1	0.10	10	0.43	270
L2 0800M	201 202	< 5	< 0.2	1.21	92	110	< 0.5	< 2	0.08	< 0.5	6	23	24	2.70	< 10	< 1	0.12	20	0.33	275
L2 0850M	201 202	not/ss	0.6	0.88	86	150	< 0.5	< 2	0.19	< 0.5	5	16	21	2.36	< 10	< 1	0.10	10	0.23	250
L2 0900M	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd

CERTIFICATION:

*Handwritten signature*



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## CERTIFICATE OF ANALYSIS A9745020

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L1 0450N	201 202	< 1	< 0.01	19	440	14	< 2	2	15	0.06	< 10	< 10	42	< 10	52
L1 0500N	201 202	< 1	< 0.01	19	360	14	< 2	2	17	0.06	< 10	< 10	39	< 10	56
L1 0550N	201 202	< 1	< 0.01	23	470	12	< 2	2	16	0.06	< 10	< 10	41	< 10	54
L1 0600N	201 202	< 1	< 0.01	30	600	14	< 2	2	18	0.06	< 10	< 10	40	< 10	60
L1 0650N	201 202	1	< 0.01	20	680	12	< 2	2	14	0.03	< 10	< 10	38	< 10	60
L1 0700N	201 202	< 1	< 0.01	17	460	8	< 2	2	10	0.04	< 10	< 10	33	< 10	56
L1 0750N	201 202	< 1	< 0.01	18	470	14	< 2	2	12	0.03	< 10	< 10	34	< 10	60
L1 0800N	201 202	< 1	< 0.01	22	600	18	< 2	3	19	0.03	< 10	< 10	36	< 10	72
L1 0850N	201 202	< 1	< 0.01	20	530	18	< 2	3	16	0.04	< 10	< 10	34	< 10	66
L1 0900N	201 202	< 1	< 0.01	17	450	26	2	2	16	0.04	< 10	< 10	37	< 10	66
L1 0950N	201 202	< 1	< 0.01	18	730	22	< 2	5	20	0.07	< 10	< 10	52	< 10	72
L1 1000N	201 202	< 1	< 0.01	15	470	20	2	1	11	0.01	< 10	< 10	32	< 10	60
L1 1050N	201 202	1	< 0.01	11	260	12	< 2	2	10	0.06	< 10	< 10	52	< 10	40
L1 1100N	201 202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L1 1150N	201 202	< 1	< 0.01	15	540	14	< 2	2	15	0.05	< 10	< 10	45	< 10	56
L1 1200N	201 202	< 1	< 0.01	22	600	22	2	3	18	0.03	< 10	< 10	35	< 10	72
L1 1250N	201 202	< 1	< 0.01	15	470	24	< 2	2	11	0.02	< 10	< 10	23	< 10	56
L1 1300N	201 202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L1 1350N	201 202	< 1	< 0.01	34	650	26	6	4	23	0.01	< 10	< 10	30	< 10	70
L1 1400N	201 202	< 1	< 0.01	55	600	24	30	4	28	< 0.01	< 10	< 10	17	< 10	98
L1 1450N	201 202	< 1	< 0.01	73	910	26	16	6	51	0.03	< 10	< 10	40	< 10	106
L1 1500N	201 202	< 1	< 0.01	46	670	26	16	5	29	0.01	< 10	< 10	26	< 10	80
L2 0050M	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
L2 0100M	201 202	< 1	< 0.01	21	430	8	< 2	3	13	0.06	< 10	< 10	52	< 10	56
L2 0150M	201 202	< 1	< 0.01	19	330	12	< 2	2	14	0.05	< 10	< 10	42	< 10	44
L2 0200M	201 202	< 1	< 0.01	18	460	10	< 2	1	15	0.04	< 10	< 10	42	< 10	44
L2 0250M	201 202	< 1	< 0.01	15	350	6	< 2	1	14	0.04	< 10	< 10	37	< 10	42
L2 0300M	201 202	< 1	< 0.01	18	380	8	< 2	2	12	0.06	< 10	< 10	43	< 10	50
L2 0350M	201 202	< 1	< 0.01	19	510	10	< 2	2	15	0.05	< 10	< 10	40	< 10	48
L2 0400M	201 202	< 1	< 0.01	17	340	10	< 2	1	14	0.04	< 10	< 10	38	< 10	42
L2 0450M	201 202	< 1	< 0.01	20	480	10	< 2	2	14	0.05	< 10	< 10	37	< 10	50
L2 0500M	201 202	1	< 0.01	19	440	12	< 2	2	16	0.05	< 10	< 10	38	< 10	50
L2 0550M	201 202	< 1	< 0.01	20	490	14	2	2	16	0.05	< 10	< 10	41	< 10	54
L2 0600M	201 202	< 1	< 0.01	21	400	14	< 2	2	16	0.06	< 10	< 10	41	< 10	60
L2 0650M	201 202	< 1	< 0.01	24	720	14	2	2	22	0.04	< 10	< 10	38	< 10	60
L2 0700M	201 202	< 1	< 0.01	22	540	16	< 2	3	16	0.05	< 10	< 10	40	< 10	66
L2 0750M	201 202	< 1	< 0.01	18	350	14	< 2	2	13	0.05	< 10	< 10	39	< 10	56
L2 0800M	201 202	< 1	< 0.01	16	450	14	2	1	12	0.02	< 10	< 10	31	< 10	54
L2 0850M	201 202	< 1	< 0.01	16	640	14	16	< 1	18	0.01	< 10	< 10	21	< 10	42
L2 0900M	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed

CERTIFICATION: *Paul Becker*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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## CERTIFICATE OF ANALYSIS

### A9745020

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
L2 0950M	201	202	< 5	< 0.2	1.30	66	110	< 0.5	< 2	0.14	< 0.5	14	21	24	2.68	< 10	< 1	0.11	30	0.38	550
L2 1000M	201	202	< 5	< 0.2	0.94	182	70	< 0.5	< 2	0.08	< 0.5	9	20	28	2.57	< 10	< 1	0.16	40	0.29	300
L2 1050M	201	202	< 5	< 0.2	1.58	94	100	0.5	< 2	0.18	< 0.5	17	25	22	2.99	< 10	< 1	0.10	20	0.40	700
L2 1100M	201	202	10	< 0.2	1.00	560	90	< 0.5	< 2	0.14	< 0.5	10	22	25	2.63	< 10	< 1	0.14	40	0.33	400
L2 1150M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L2 1200M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L2 1250M	201	202	not/ss	< 0.2	0.62	98	60	< 0.5	< 2	0.04	< 0.5	4	8	14	1.00	< 10	< 1	0.12	30	0.04	80
L2 1300M	201	202	10	< 0.2	0.64	178	60	< 0.5	< 2	0.04	< 0.5	6	14	23	2.12	< 10	< 1	0.15	60	0.12	285
L2 1350M	201	202	15	< 0.2	0.88	208	80	0.5	< 2	0.18	< 0.5	22	13	47	3.65	< 10	< 1	0.21	50	0.40	1530
L2 1400M	201	202	not/ss	< 0.2	0.91	160	80	< 0.5	< 2	0.11	< 0.5	19	14	48	3.97	< 10	< 1	0.24	50	0.30	1010
L2 1450M	201	202	not/ss	< 0.2	1.12	104	110	0.5	< 2	0.07	< 0.5	22	16	54	4.16	< 10	< 1	0.25	40	0.36	1290
L2 1500M	201	202	10	< 0.2	1.59	112	80	< 0.5	< 2	0.12	< 0.5	20	39	53	4.14	< 10	< 1	0.16	30	0.66	1075
L3 0000N	201	202	10	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L3 0050N	201	202	< 5	< 0.2	1.38	168	110	< 0.5	< 2	0.08	< 0.5	10	31	23	2.68	< 10	< 1	0.05	10	0.52	315
L3 0100N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 0150N	201	202	< 5	< 0.2	1.16	60	100	< 0.5	< 2	0.08	< 0.5	6	32	16	2.20	< 10	< 1	0.05	10	0.42	175
L3 0200N	201	202	< 5	< 0.2	1.15	58	90	< 0.5	< 2	0.09	< 0.5	6	34	13	2.19	< 10	< 1	0.06	10	0.49	215
L3 0250N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 0300N	201	202	< 5	< 0.2	1.50	52	150	< 0.5	< 2	0.16	< 0.5	14	27	23	2.82	< 10	< 1	0.07	10	0.56	485
L3 0350N	201	202	< 5	< 0.2	1.18	54	80	< 0.5	< 2	0.10	< 0.5	4	20	12	2.43	< 10	< 1	0.07	10	0.31	140
L3 0400N	201	202	< 5	< 0.2	4.66	10	270	0.5	< 2	2.69	< 0.5	24	32	61	4.27	< 10	< 1	0.84	10	5.54	5150
L3 0450N	201	202	< 5	< 0.2	1.58	48	130	< 0.5	< 2	0.13	< 0.5	12	29	17	3.38	< 10	< 1	0.13	10	0.58	420
L3 0500N	201	202	< 5	< 0.2	1.55	34	90	< 0.5	< 2	0.15	< 0.5	10	54	25	2.92	< 10	< 1	0.08	10	0.62	315
L3 0550N	201	202	< 5	< 0.2	1.14	84	90	< 0.5	< 2	0.10	< 0.5	7	29	19	2.57	< 10	< 1	0.10	10	0.37	225
L3 0600N	201	202	< 5	< 0.2	1.43	64	80	< 0.5	< 2	0.13	< 0.5	8	30	22	2.93	< 10	< 1	0.13	10	0.49	315
L3 0650N	201	202	< 5	< 0.2	1.92	96	140	< 0.5	< 2	0.16	< 0.5	15	49	29	3.46	< 10	< 1	0.22	20	0.70	755
L3 0700N	201	202	< 5	< 0.2	1.49	84	100	< 0.5	< 2	0.13	< 0.5	7	46	21	2.76	< 10	< 1	0.19	10	0.60	310
L3 0750N	201	202	< 5	< 0.2	1.02	94	90	< 0.5	< 2	0.11	< 0.5	12	24	24	2.34	< 10	< 1	0.17	30	0.35	465
L3 0800N	201	202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L3 0850N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 0900N	201	202	< 5	< 0.2	1.80	44	110	0.5	< 2	0.10	< 0.5	8	33	19	3.27	< 10	< 1	0.11	20	0.45	310
L3 0950N	201	202	< 5	< 0.2	1.45	76	80	< 0.5	< 2	0.13	< 0.5	12	22	28	2.91	< 10	< 1	0.13	30	0.36	410
L3 1000N	201	202	< 5	< 0.2	1.59	34	90	< 0.5	< 2	0.09	< 0.5	7	22	14	2.74	< 10	< 1	0.07	10	0.27	230
L3 1050N	201	202	< 5	< 0.2	1.47	66	90	< 0.5	< 2	0.08	< 0.5	10	21	33	2.99	< 10	< 1	0.21	20	0.41	530
L3 1100N	201	202	< 5	0.2	1.47	176	110	< 0.5	< 2	0.08	< 0.5	13	17	31	2.93	< 10	< 1	0.19	30	0.32	555
L3 1150N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1200N	201	202	< 5	< 0.2	1.46	300	80	< 0.5	< 2	0.09	< 0.5	24	20	42	3.27	< 10	< 1	0.16	20	0.37	1470
L3 1250N	201	202	10	< 0.2	1.63	220	120	< 0.5	< 2	0.07	< 0.5	11	20	39	3.31	< 10	< 1	0.19	30	0.38	500
L3 1300N	201	202	not/ss	< 0.2	1.61	230	80	< 0.5	< 2	0.07	< 0.5	12	23	31	3.73	< 10	< 1	0.11	20	0.32	645
L3 1350N	201	202	< 5	< 0.2	1.27	190	80	< 0.5	< 2	0.13	< 0.5	15	17	35	3.35	< 10	< 1	0.16	40	0.39	745

CERTIFICATION:

*Hart Beckler*



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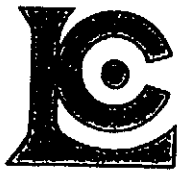
## CERTIFICATE OF ANALYSIS

### A9745020

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L2 0950M	201 202	1 < 0.01		22	530	26	< 2	3	13	0.04	< 10	< 10	36	< 10	74
L2 1000M	201 202	< 1 < 0.01		17	440	20	< 2	2	13	0.03	< 10	< 10	30	< 10	66
L2 1050M	201 202	< 1 < 0.01		25	650	14	2	3	15	0.06	< 10	< 10	43	< 10	74
L2 1100M	201 202	< 1 < 0.01		18	550	24	2	3	15	0.04	< 10	< 10	32	< 10	74
L2 1150M	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L2 1200M	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L2 1250M	201 202	< 1 0.01		7	1030	16	< 2	< 1	8	< 0.01	< 10	< 10	15	< 10	28
L2 1300M	201 202	< 1 0.01		11	430	22	< 2	< 1	9	0.01	< 10	< 10	21	< 10	54
L2 1350M	201 202	< 1 0.01		33	540	20	10	4	27	0.01	< 10	< 10	19	< 10	86
L2 1400M	201 202	< 1 0.01		33	540	24	12	3	37	0.02	< 10	< 10	20	< 10	82
L2 1450M	201 202	1 < 0.01		39	560	32	10	3	36	0.02	< 10	< 10	21	< 10	88
L2 1500M	201 202	< 1 < 0.01		42	610	86	6	3	22	0.03	< 10	< 10	30	< 10	94
L3 0000N	201 202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L3 0050N	201 202	< 1 < 0.01		22	380	10	< 2	2	13	0.03	< 10	< 10	38	< 10	52
L3 0100N	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 0150N	201 202	< 1 < 0.01		16	430	10	< 2	2	12	0.03	< 10	< 10	41	< 10	34
L3 0200N	201 202	< 1 0.01		20	390	8	< 2	1	12	0.02	< 10	< 10	40	< 10	44
L3 0250N	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 0300N	201 202	< 1 0.01		27	510	12	2	2	17	0.04	< 10	< 10	37	< 10	52
L3 0350N	201 202	1 < 0.01		10	270	12	< 2	1	12	0.05	< 10	< 10	48	< 10	30
L3 0400N	201 202	5 0.01		56	520	8	< 2	9	70	0.10	< 10	< 10	67	< 10	96
L3 0450N	201 202	1 < 0.01		19	420	12	< 2	3	18	0.07	< 10	< 10	52	< 10	52
L3 0500N	201 202	< 1 < 0.01		33	410	14	< 2	2	13	0.08	< 10	< 10	40	< 10	54
L3 0550N	201 202	1 0.01		18	410	12	< 2	1	11	0.05	< 10	< 10	43	< 10	48
L3 0600N	201 202	< 1 < 0.01		20	380	14	2	2	14	0.05	< 10	< 10	39	< 10	58
L3 0650N	201 202	< 1 < 0.01		25	630	20	< 2	3	17	0.06	< 10	< 10	49	< 10	78
L3 0700N	201 202	< 1 < 0.01		19	520	14	< 2	3	14	0.05	< 10	< 10	42	< 10	58
L3 0750N	201 202	< 1 < 0.01		19	380	72	< 2	2	15	0.03	< 10	< 10	26	< 10	64
L3 0800N	201 202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L3 0850N	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 0900N	201 202	< 1 < 0.01		16	350	22	2	3	11	0.05	< 10	< 10	49	< 10	66
L3 0950N	201 202	< 1 0.01		20	670	16	2	2	13	0.03	< 10	< 10	35	< 10	94
L3 1000N	201 202	< 1 0.01		14	250	16	< 2	2	11	0.05	< 10	< 10	48	< 10	46
L3 1050N	201 202	1 0.01		15	750	24	2	1	16	0.04	< 10	< 10	36	< 10	64
L3 1100N	201 202	< 1 0.01		17	740	34	< 2	1	12	0.01	< 10	< 10	30	< 10	66
L3 1150N	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1200N	201 202	1 0.01		21	860	28	2	2	16	0.03	< 10	< 10	33	< 10	70
L3 1250N	201 202	1 0.01		17	680	26	2	1	15	0.02	< 10	< 10	31	< 10	66
L3 1300N	201 202	1 0.01		19	960	36	4	< 1	12	0.01	< 10	< 10	45	< 10	72
L3 1350N	201 202	< 1 0.01		26	650	28	2	2	16	0.02	< 10	< 10	27	< 10	84

CERTIFICATION:

*Hart Buchler*



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## CERTIFICATE OF ANALYSIS

### A9745020

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	
L3 1400N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1450N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1500N	201	202	< 5	< 0.2	1.44	184	130	< 0.5	< 2	0.29	< 0.5	10	26	18	2.51	< 10	< 1	0.10	10	0.47	310
L3 600M	201	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 650M	201	202	< 5	0.2	1.45	28	150	< 0.5	< 2	0.12	< 0.5	6	42	19	2.22	< 10	< 1	0.07	10	0.39	100
L3 700M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 750M	201	202	< 5	< 0.2	1.47	108	80	< 0.5	< 2	0.11	< 0.5	7	26	22	3.21	< 10	< 1	0.11	30	0.51	250
L3 800M	201	202	not/ss	< 0.2	1.78	102	200	0.5	< 2	0.14	< 0.5	11	41	33	3.53	< 10	< 1	0.18	20	0.58	400
L3 850M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 900M	201	202	< 5	< 0.2	1.94	94	200	1.0	< 2	0.22	< 0.5	11	123	20	2.71	< 10	< 1	0.38	20	1.02	505
L3 950M	201	202	not/ss	< 0.2	1.32	90	80	< 0.5	< 2	0.08	< 0.5	8	24	21	2.85	< 10	< 1	0.11	30	0.33	240
L3 1000M	201	202	not/ss	< 0.2	1.34	98	80	< 0.5	< 2	0.08	< 0.5	7	25	22	2.93	< 10	< 1	0.11	30	0.32	205
L3 1050M	201	202	< 5	< 0.2	1.66	34	110	< 0.5	< 2	0.07	< 0.5	5	22	12	2.42	< 10	< 1	0.05	10	0.20	125
L3 1100M	201	202	not/ss	0.2	1.31	118	90	< 0.5	< 2	0.05	< 0.5	5	29	21	2.87	< 10	< 1	0.16	20	0.28	190
L3 1150M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1200M	201	202	< 5	< 0.2	0.63	108	40	< 0.5	< 2	0.11	< 0.5	22	17	33	2.09	< 10	< 1	0.15	90	0.16	675
L3 1250M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1300M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1350M	201	202	not/ss	< 0.2	0.60	280	60	< 0.5	< 2	0.06	< 0.5	18	9	34	3.01	< 10	< 1	0.14	50	0.14	1015
L3 1400M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1450M	201	202	10	< 0.2	0.64	286	50	< 0.5	< 2	0.12	< 0.5	19	17	42	3.54	< 10	< 1	0.16	40	0.27	690
L3 1500M	201	202	25	< 0.2	0.67	286	50	< 0.5	< 2	0.11	< 0.5	11	13	27	3.03	< 10	< 1	0.14	40	0.21	410
L4 0000N	201	202	10	< 0.2	1.58	248	80	< 0.5	< 2	0.11	< 0.5	7	31	16	2.58	< 10	< 1	0.08	10	0.48	220
L4 0050N	201	202	< 5	< 0.2	1.33	144	160	< 0.5	< 2	0.10	< 0.5	4	31	16	2.57	< 10	< 1	0.05	10	0.36	100
L4 0100N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 0150N	201	202	not/ss	< 0.2	1.24	76	110	< 0.5	< 2	0.09	< 0.5	5	26	21	1.86	< 10	< 1	0.06	10	0.34	120
L4 0200N	201	202	not/ss	< 0.2	0.82	12	90	< 0.5	< 2	0.08	< 0.5	2	19	8	0.86	< 10	< 1	0.04	10	0.17	45
L4 0250N	201	202	< 5	< 0.2	1.58	88	120	< 0.5	< 2	0.14	< 0.5	9	39	19	2.94	< 10	< 1	0.06	10	0.61	240
L4 0300N	201	202	not/ss	< 0.2	0.90	66	120	< 0.5	< 2	0.09	< 0.5	4	15	13	1.67	< 10	< 1	0.06	10	0.19	125
L4 0350N	201	202	not/ss	< 0.2	1.35	100	150	< 0.5	< 2	0.14	< 0.5	6	20	16	2.13	< 10	< 1	0.09	10	0.41	160
L4 0400N	201	202	< 5	< 0.2	1.81	186	150	< 0.5	< 2	0.14	< 0.5	12	28	28	3.13	< 10	< 1	0.13	20	0.76	460
L4 0450N	201	202	< 5	< 0.2	1.33	62	110	< 0.5	< 2	0.13	< 0.5	7	23	20	3.00	< 10	< 1	0.11	10	0.46	235
L4 0500N	201	202	< 5	< 0.2	1.60	26	110	< 0.5	< 2	0.10	< 0.5	11	28	24	3.14	< 10	< 1	0.08	10	0.55	415
L4 0550N	201	202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L4 0600N	201	202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L4 0650N	201	202	15	< 0.2	1.42	172	80	< 0.5	< 2	0.11	< 0.5	11	26	25	3.08	< 10	< 1	0.16	30	0.50	390
L4 0700N	201	202	10	< 0.2	2.00	116	190	0.5	< 2	0.15	< 0.5	12	89	25	3.53	< 10	< 1	0.24	20	0.88	495
L4 0750N	201	202	not/ss	< 0.2	1.46	142	150	< 0.5	< 2	0.10	< 0.5	6	24	25	3.09	< 10	< 1	0.14	20	0.40	220
L4 0800N	201	202	< 5	< 0.2	1.54	98	110	< 0.5	< 2	0.11	< 0.5	12	27	25	3.04	< 10	< 1	0.14	30	0.51	385
L4 0850N	201	202	not/ss	< 0.2	1.19	236	70	< 0.5	< 2	0.11	< 0.5	10	26	24	3.03	< 10	< 1	0.13	30	0.43	325

CERTIFICATION: *Hart Beckler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
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To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BARRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number :4-B  
Total Pages :5  
Certificate Date: 08-0C  
Invoice No. :197450  
P.O. Number :  
Account :MSQ

Project :  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS

### A9745020

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L3 1400N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1450N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1500N	201	202	< 1	0.01	19	720	10	< 2	3	24	0.05	< 10	< 10	38	< 10	56
L3 600M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 650M	201	202	< 1	0.01	21	830	14	< 2	< 1	14	0.04	< 10	< 10	39	< 10	28
L3 700M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 750M	201	202	< 1	0.01	17	420	16	< 2	2	15	0.06	< 10	< 10	41	< 10	54
L3 800M	201	202	< 1	0.01	23	850	16	< 2	3	18	0.04	< 10	< 10	49	< 10	72
L3 850M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 900M	201	202	< 1	< 0.01	13	800	12	< 2	6	18	0.06	< 10	< 10	46	< 10	60
L3 950M	201	202	1	0.01	18	480	16	2	1	11	0.03	< 10	< 10	34	< 10	50
L3 1000M	201	202	< 1	0.01	17	540	16	2	1	11	0.03	< 10	< 10	35	< 10	48
L3 1050M	201	202	< 1	0.01	10	230	16	< 2	2	9	0.04	< 10	< 10	51	< 10	38
L3 1100M	201	202	1	< 0.01	10	480	26	2	2	9	0.05	< 10	< 10	53	< 10	50
L3 1150M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1200M	201	202	< 1	< 0.01	27	640	18	< 2	3	17	< 0.01	< 10	< 10	20	< 10	54
L3 1250M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1300M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1350M	201	202	< 1	0.01	26	610	32	4	< 1	12	< 0.01	< 10	< 10	13	< 10	86
L3 1400M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L3 1450M	201	202	1	< 0.01	34	460	34	2	2	23	0.01	< 10	< 10	15	< 10	80
L3 1500M	201	202	< 1	< 0.01	21	450	28	4	1	16	< 0.01	< 10	< 10	14	< 10	66
L4 0000N	201	202	< 1	0.01	16	620	10	< 2	2	12	0.04	< 10	< 10	37	< 10	48
L4 0050N	201	202	< 1	0.01	15	650	12	2	< 1	15	0.01	< 10	< 10	44	< 10	30
L4 0100N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 0150N	201	202	1	0.01	15	490	10	< 2	< 1	14	0.03	< 10	< 10	33	< 10	32
L4 0200N	201	202	< 1	0.02	9	540	2	< 2	< 1	13	< 0.01	< 10	< 10	17	< 10	14
L4 0250N	201	202	1	0.01	30	380	8	< 2	3	16	0.05	< 10	< 10	44	< 10	46
L4 0300N	201	202	< 1	0.01	9	380	10	< 2	1	13	0.04	< 10	< 10	40	< 10	22
L4 0350N	201	202	< 1	0.01	14	490	10	< 2	2	18	0.05	< 10	< 10	40	< 10	34
L4 0400N	201	202	1	0.01	27	530	14	2	3	21	0.05	< 10	< 10	44	< 10	56
L4 0450N	201	202	< 1	0.01	19	490	12	< 2	2	17	0.05	< 10	< 10	40	< 10	50
L4 0500N	201	202	< 1	0.01	21	440	16	2	3	14	0.05	< 10	< 10	42	< 10	54
L4 0550N	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L4 0600N	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
L4 0650N	201	202	< 1	0.01	21	470	20	2	2	13	0.04	< 10	< 10	35	< 10	64
L4 0700N	201	202	< 1	< 0.01	22	630	14	< 2	4	15	0.07	< 10	< 10	56	< 10	68
L4 0750N	201	202	< 1	0.01	17	460	12	< 2	2	13	0.03	< 10	< 10	45	< 10	52
L4 0800N	201	202	< 1	< 0.01	23	480	18	< 2	3	12	0.04	< 10	< 10	37	< 10	58
L4 0850N	201	202	< 1	< 0.01	21	490	20	< 2	1	12	0.03	< 10	< 10	35	< 10	58

CERTIFICATION:

*Hart Bechler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BURRARD ST., 9TH FLOOR  
VANCOUVER, BC  
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Page Number :5-A  
Total Pages :5  
Certificate Date: 08-0C  
Invoice No. :197450  
P.O. Number :  
Account :MSQ

Project :  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745020

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L4 0900N	201 202	not/ss	< 0.2	1.43	20	90	< 0.5	< 2	0.11	< 0.5	9	25	15	3.00	< 10	< 1	0.09	10	0.36	380
L4 0950N	201 202	not/ss	< 0.2	1.43	84	240	0.5	< 2	0.28	< 0.5	9	41	20	3.28	< 10	< 1	0.15	20	0.43	360
L4 1000N	201 202	< 5	< 0.2	2.00	26	90	0.5	< 2	0.10	< 0.5	14	28	21	3.13	< 10	< 1	0.10	10	0.45	510
L4 1050N	201 202	not/ss	< 0.2	1.12	38	100	< 0.5	< 2	0.05	< 0.5	5	12	21	1.71	< 10	< 1	0.12	30	0.08	440
L4 1100N	201 202	not/ss	< 0.2	1.04	62	80	< 0.5	< 2	0.05	< 0.5	16	16	22	2.53	< 10	< 1	0.13	40	0.20	795
L4 1150N	201 202	not/ss	< 0.2	1.20	84	60	< 0.5	< 2	0.03	< 0.5	29	14	50	3.71	< 10	< 1	0.18	40	0.28	1485
L4 1200N	---	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1250N	---	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1300N	---	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1350N	201 202	not/ss	< 0.2	1.00	320	80	< 0.5	< 2	0.12	< 0.5	18	18	49	4.23	< 10	< 1	0.20	50	0.38	765
L4 1400N	---	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1450N	---	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1500N	201 202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss

CERTIFICATION: *[Signature]*



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Account :MSQ

Project :  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS

A9745020

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4 0900N	201	202	< 1	0.01	16	410	16	< 2	2	12	0.05	< 10	< 10	44	< 10	56
L4 0950N	201	202	< 1	0.01	16	700	20	2	4	21	0.04	< 10	< 10	49	< 10	58
L4 1000N	201	202	< 1	0.01	20	540	22	2	3	11	0.05	< 10	< 10	45	< 10	62
L4 1050N	201	202	1	0.01	10	560	16	2	< 1	11	0.01	< 10	< 10	36	< 10	46
L4 1100N	201	202	< 1	0.01	14	640	28	< 2	< 1	9	0.02	< 10	< 10	33	< 10	58
L4 1150N	201	202	2	0.01	13	780	40	2	< 1	11	0.01	< 10	< 10	22	< 10	62
L4 1200N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1250N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1300N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1350N	201	202	< 1	0.01	27	540	26	6	3	31	0.01	< 10	< 10	21	< 10	78
L4 1400N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1450N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
L4 1500N	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss

CERTIFICATION:

*Hart Bickler*

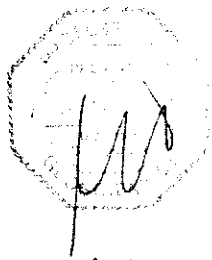
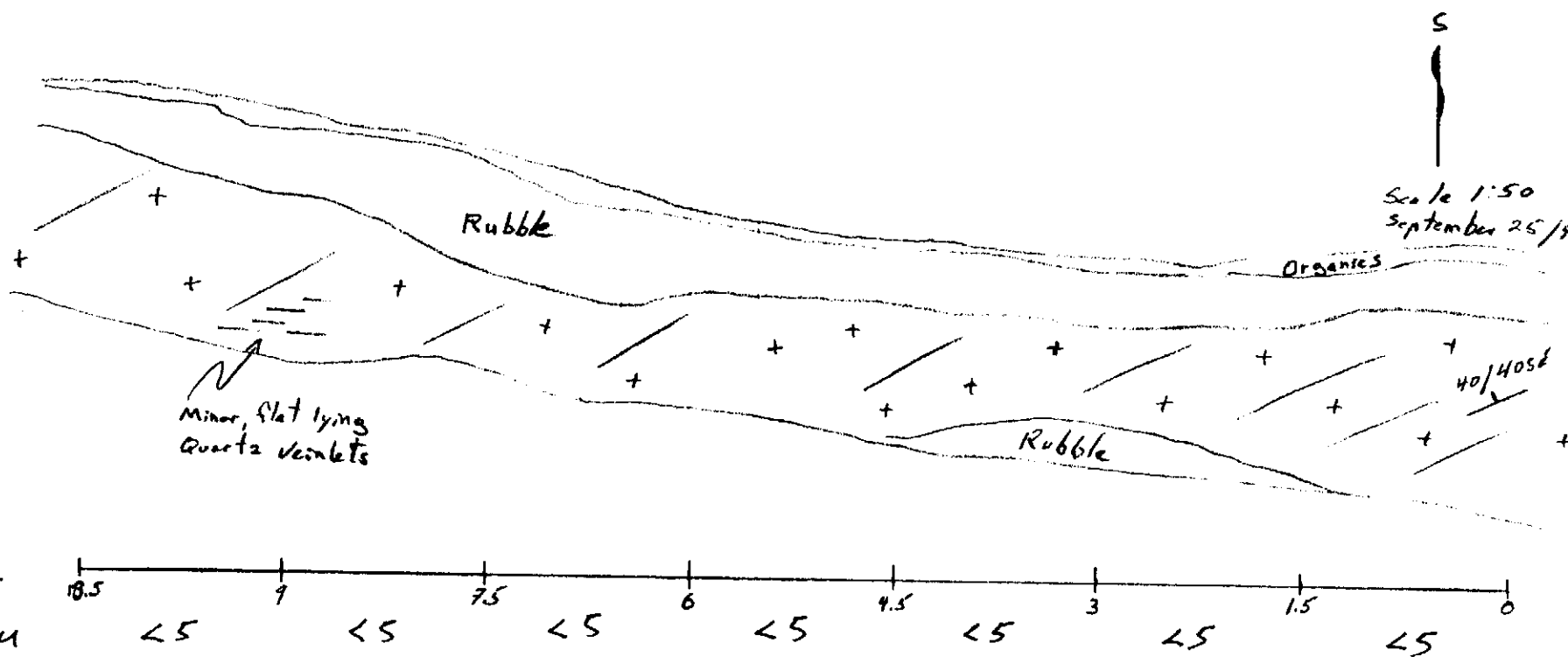
**APPENDIX B  
TRENCHES 97-1 TO 97-5**

<b>TRENCH #</b>	<b># PAGES</b>	<b>CERTIFICATE OF ANALYSIS</b>	<b>#PAGES</b>
TRENCH 97-1	13	CHEMEX A9745017	3 A & B
TRENCH 97-2	3	CHEMEX A9745012	1 A & B
TRENCH 97-3	4	CHEMEX A9745013	1 A & B
TRENCH 97-4	2	CHEMEX A9745015	1 A & B
TRENCH 97-5	2	CHEMEX A9745016	1 A & B

1 of 13

Barney Ridge  
Trench 97-1

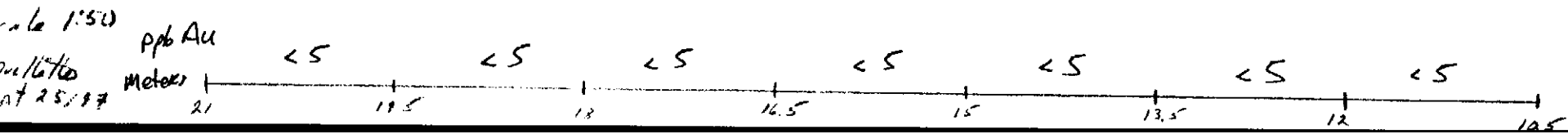
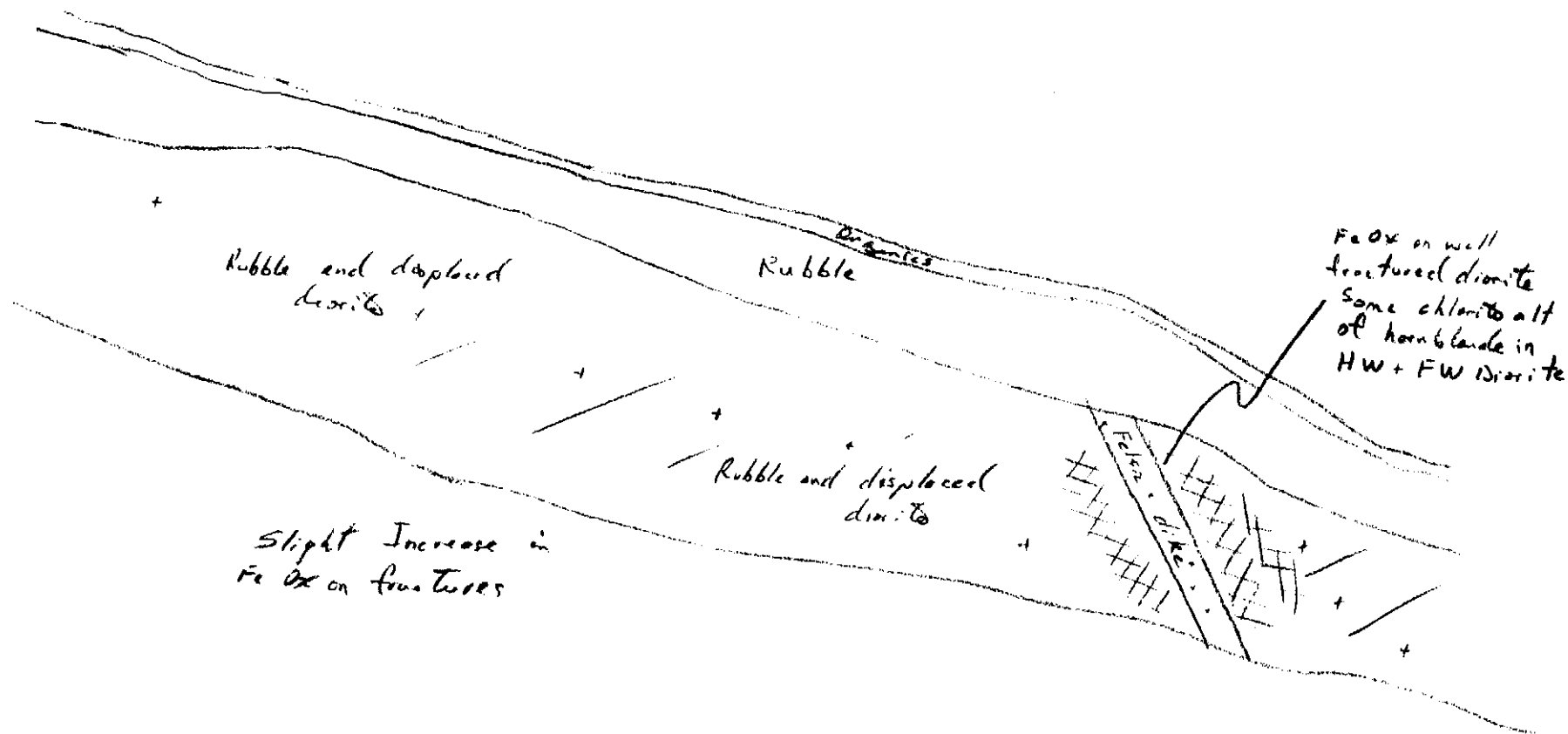
+ hornblende, biotite diorite



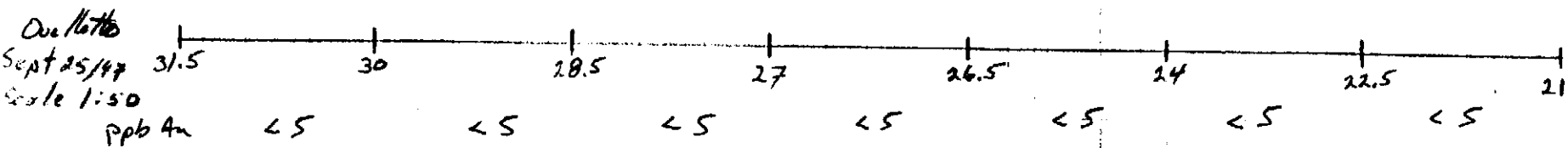
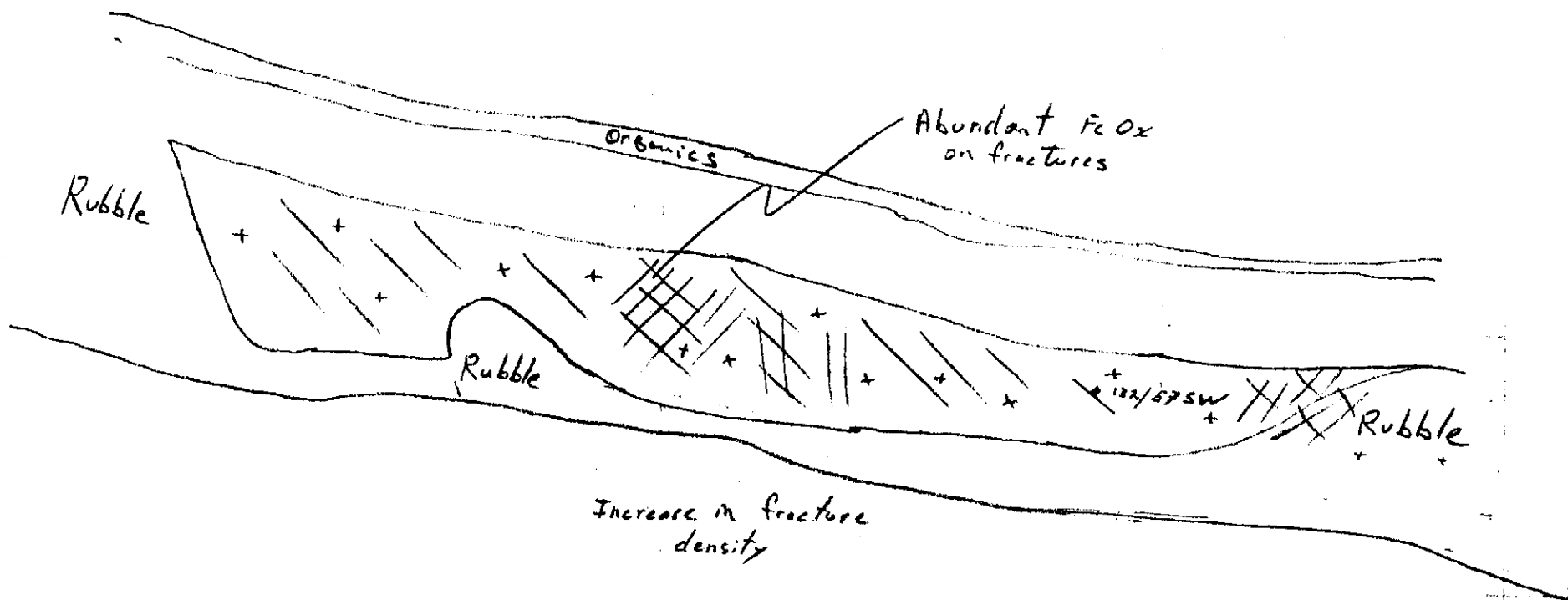
D. O. H. H. H.

2 of 13

Berney Ridge  
Trench 97-1



Barney Ridge  
Trench 97-1



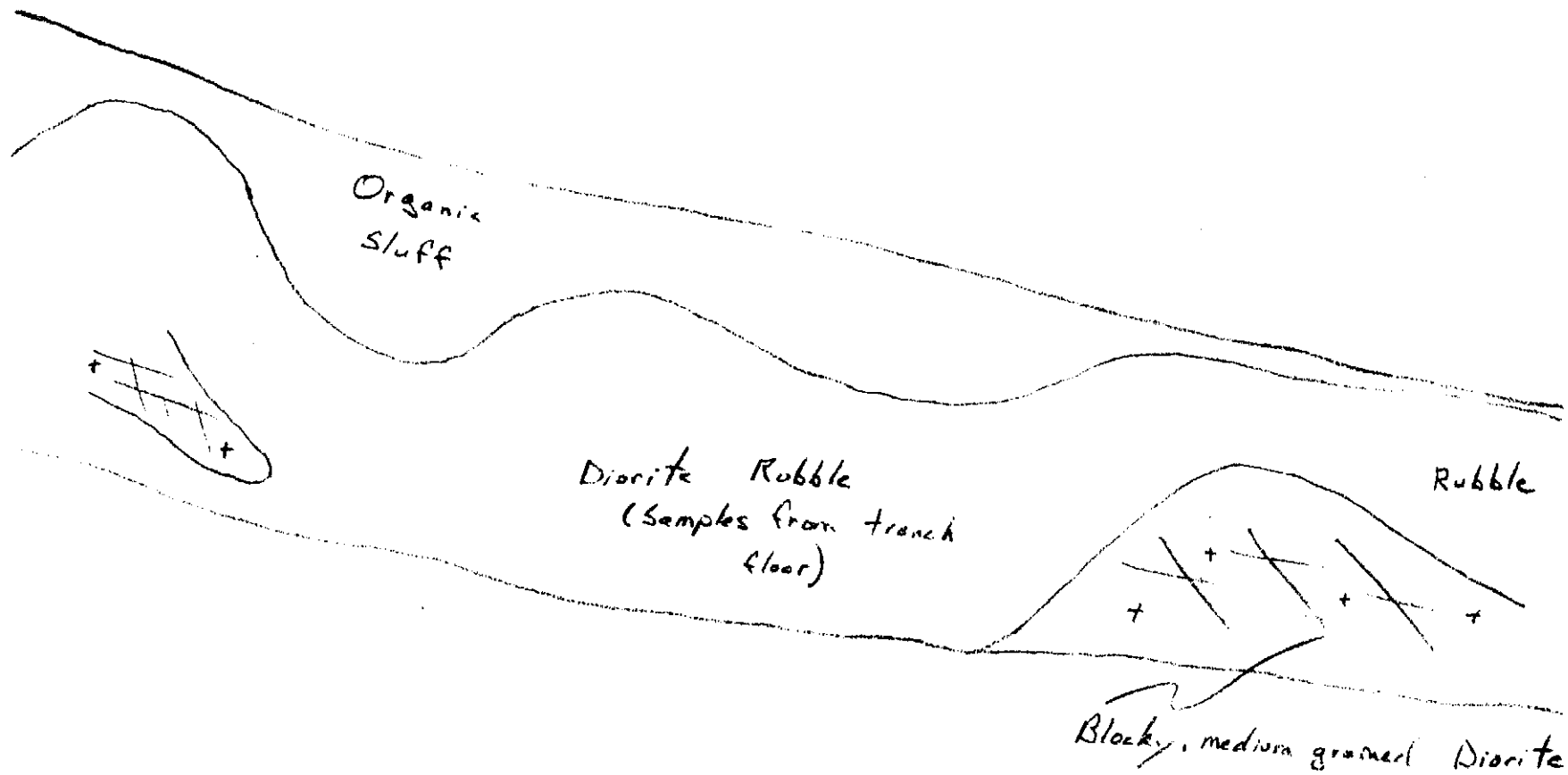
4 of 13

Barney Ridge  
Trench 97-1

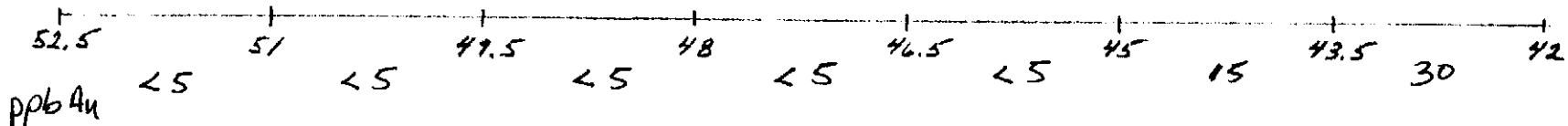


Sept 25/97  
Scale 1:50  
D. Quetta

Barney Ridge  
Trench 97-1



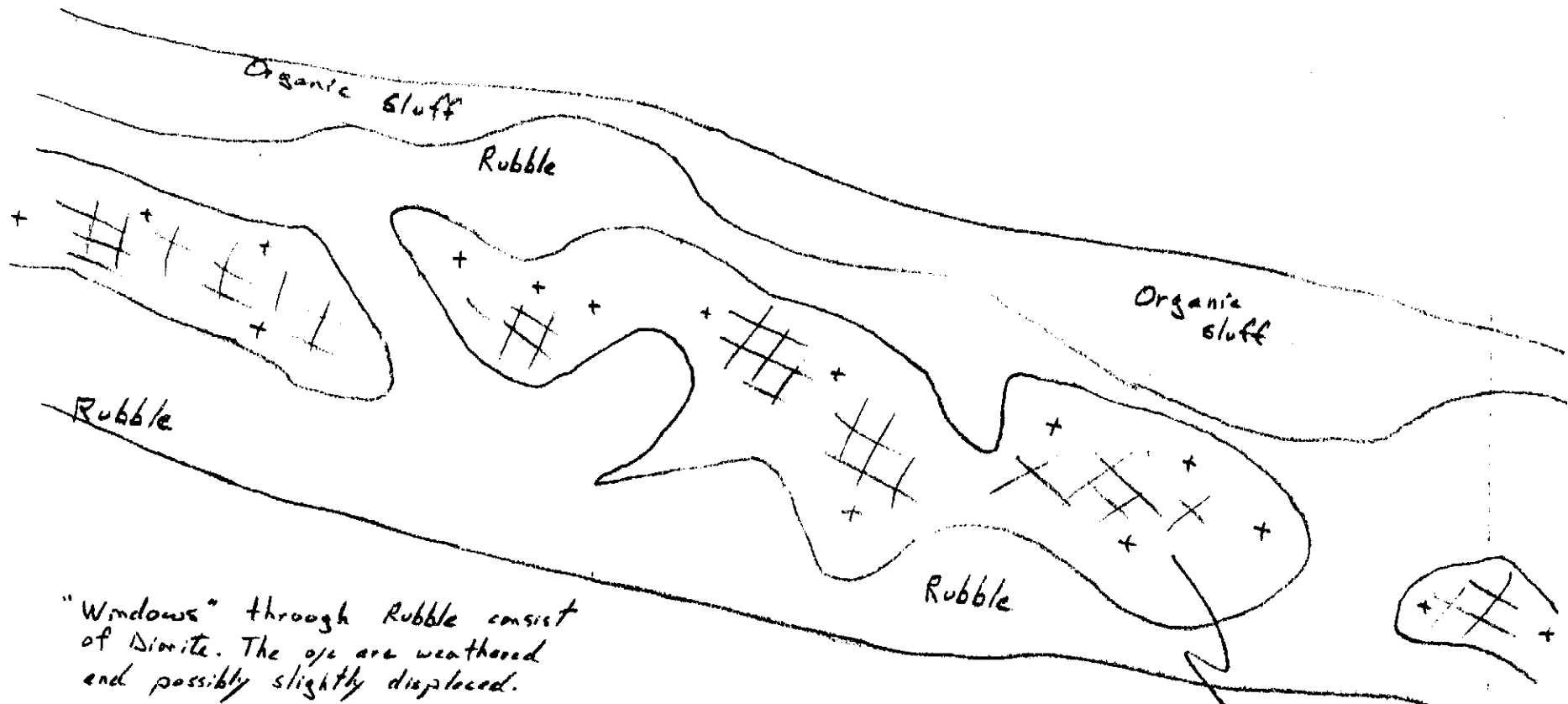
Overlaid  
Sept 25/97  
Scale 1:50



6 of 13

Barney Ridge

Trench 97-1

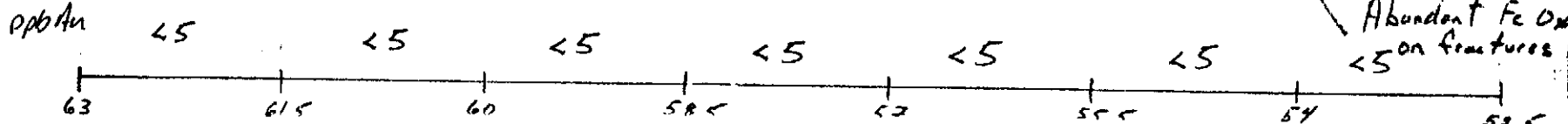


"Windows" through Rubble consist of Diorite. The ojs are weathered and possibly slightly displaced.

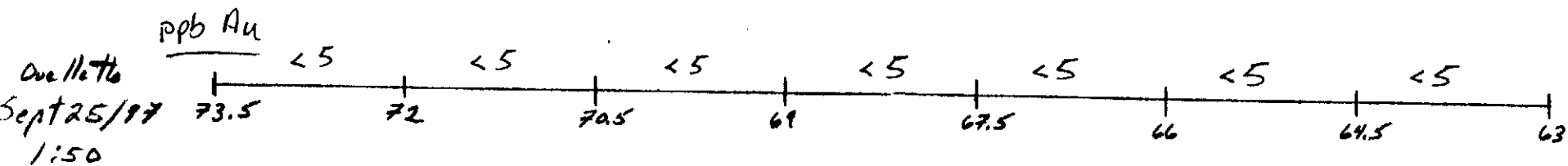
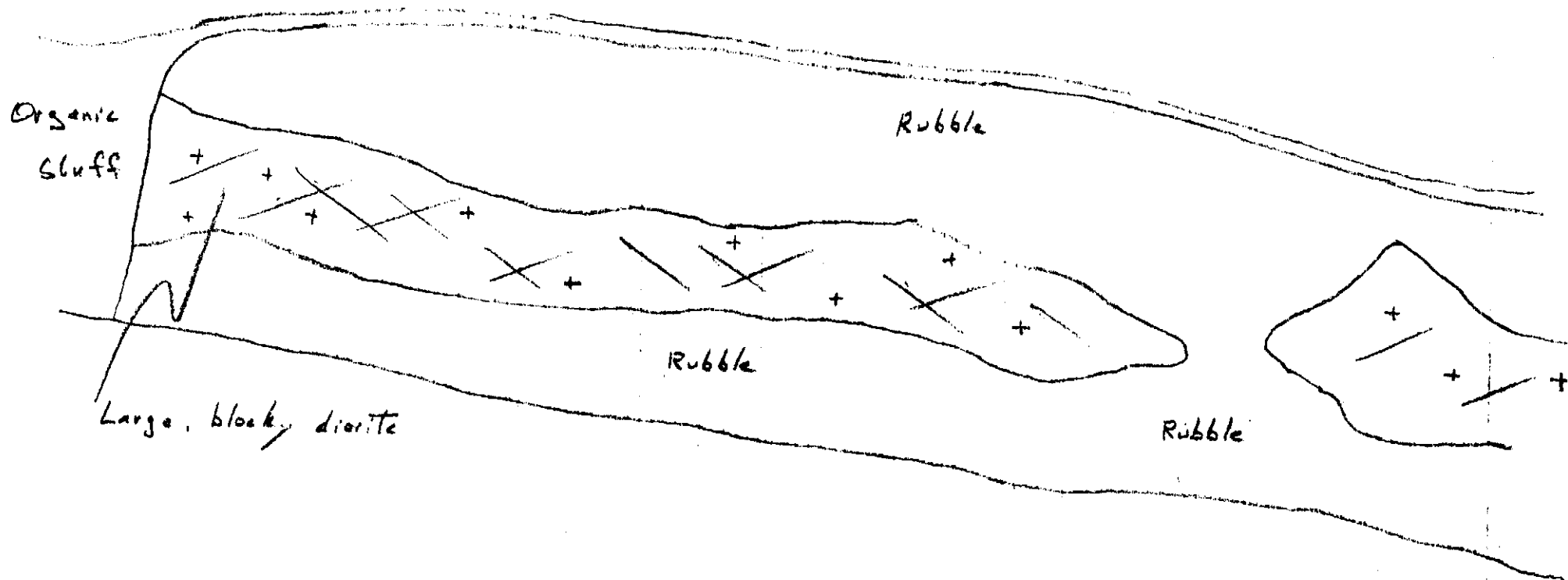
Abundant Fe Ox on fractures

Sept 25/97  
1:50

Ouellette



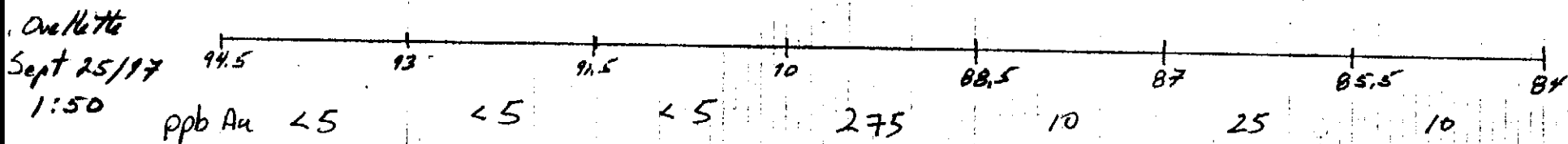
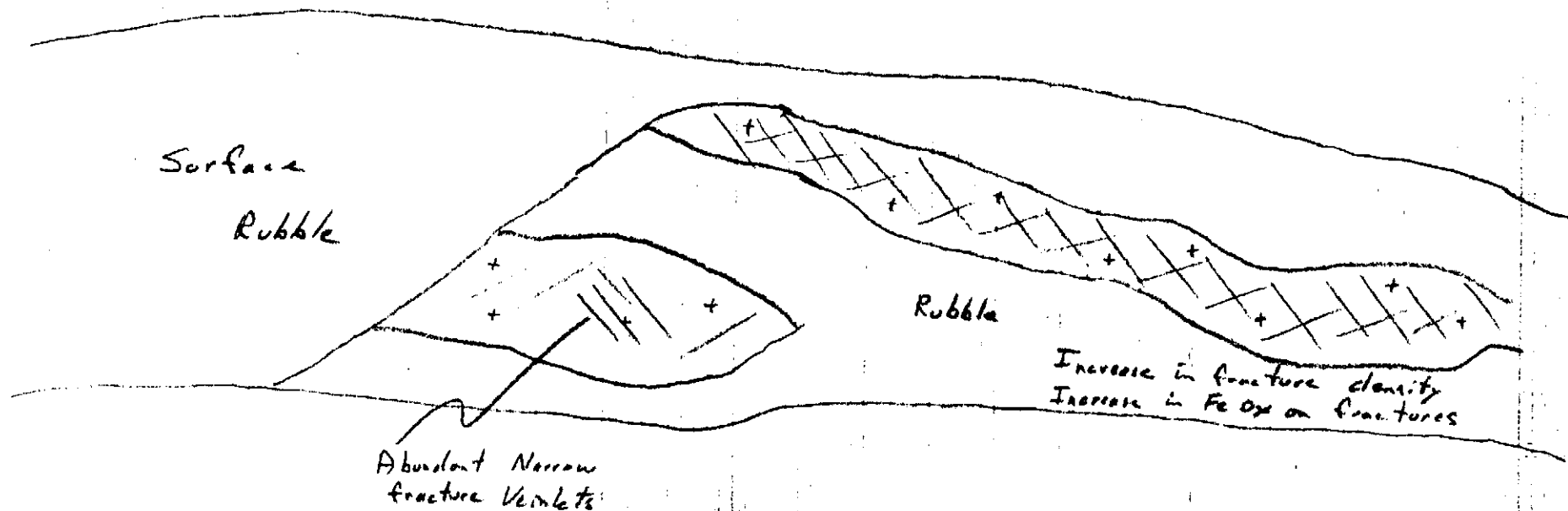
Barney Ridge  
Trench 97-1





9 of 13

Barney Ridge  
Trench 97-1



10 of 13

# Barney Ridge

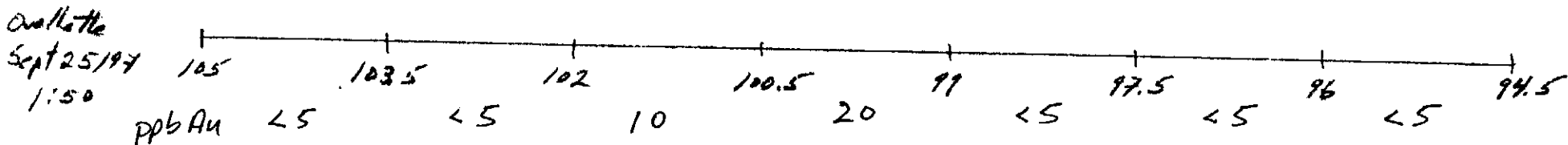
## Trench 97-1

Direction of  
talus slope  
↙

thin Organic cover on talus slope

Predominantly flaggy disconite rubble.  
Few weathered surfaces. Slight clay + chl alt  
Finer grained than previous

Floor of trench ripped with 'cat' to obtain  
fresher samples for analysis.  
Slight green cast to clay alt, blocky disconite.



11 of 13

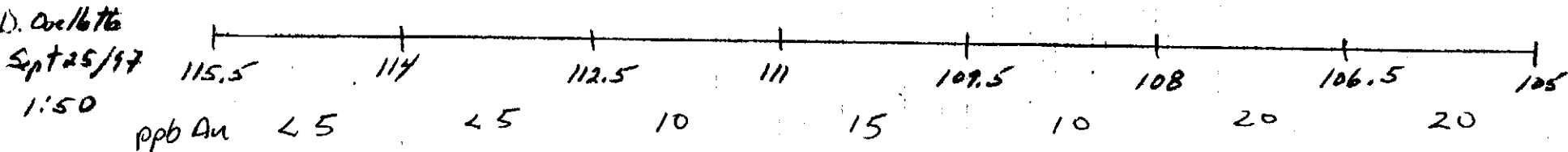
Barney Ridge  
Trench 97-1

Predominantly floggy diorite talus  
Fe Ox weathered surfaces. Slight clay + chl alt.

diorite becomes  
more 'bleached' with  
increase in clay alteration

→ decrease in clay alt.  
increase in grain size

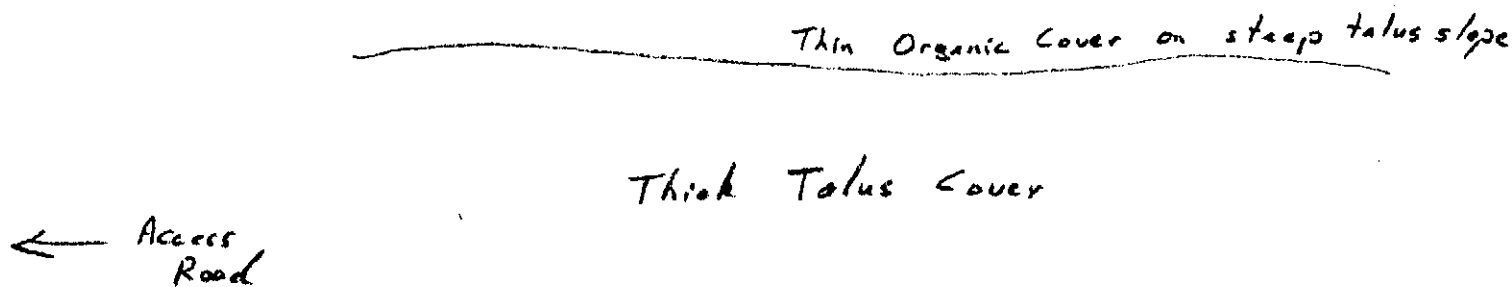
Samples are grabs from ripped trench floor





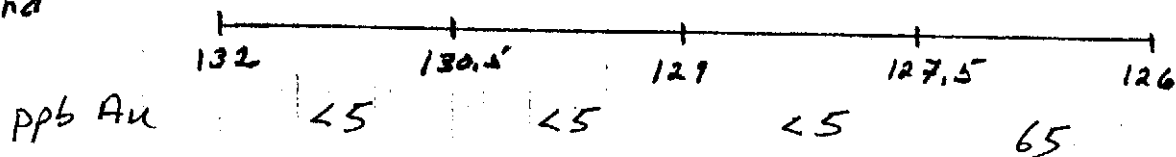
13 of 13

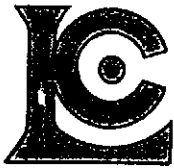
Berney Ridge  
Trench 97-1



D. Ouellette  
Scale 1:50  
Sept 25/97

End





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BURFARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number :1-A  
Total Pages :3  
Certificate Date: 07-OCT-97  
Invoice No. :19745017  
P.O. Number :  
Account :MSQ

Project : TR 97-1  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745017

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
0-1.5M	205	226	< 5	< 0.2	3.28	10	220	0.5	< 2	2.86	< 0.5	14	108	15	4.38	< 10	< 1	0.48	10	2.46	620
1.5-3.0M	205	226	< 5	0.2	0.40	100	30	< 0.5	< 2	0.07	< 0.5	7	208	17	2.57	< 10	< 1	0.06	10	0.06	405
3.0-4.5M	205	226	< 5	< 0.2	2.29	20	320	0.5	< 2	0.55	< 0.5	15	83	16	4.48	< 10	< 1	0.64	20	0.93	890
4.5-6.0M	205	226	< 5	< 0.2	2.20	134	290	0.5	< 2	1.03	< 0.5	15	100	13	4.84	< 10	< 1	0.50	20	1.05	735
6.0-7.5M	205	226	< 5	< 0.2	1.30	34	140	0.5	< 2	1.35	< 0.5	16	86	17	5.10	< 10	< 1	0.25	30	0.38	750
7.5-9.0M	205	226	< 5	< 0.2	3.02	10	400	0.5	< 2	1.65	< 0.5	12	111	14	3.93	< 10	< 1	0.76	20	1.57	540
9.0-10.5M	205	226	< 5	< 0.2	2.01	84	250	0.5	< 2	1.38	< 0.5	18	82	17	5.54	< 10	< 1	0.50	30	0.89	740
10.5-12.0M	205	226	< 5	< 0.2	2.54	14	230	0.5	< 2	2.06	< 0.5	10	114	12	3.79	< 10	< 1	0.48	10	1.77	565
12.0-13.5M	205	226	< 5	< 0.2	3.03	14	420	< 0.5	< 2	1.52	< 0.5	11	96	16	3.61	< 10	< 1	0.93	10	1.46	435
13.5-15.0M	205	226	< 5	< 0.2	2.13	54	230	< 0.5	< 2	1.43	< 0.5	9	81	13	3.23	< 10	< 1	0.46	10	1.00	370
15.0-16.5M	205	226	< 5	< 0.2	2.25	26	250	0.5	< 2	2.23	< 0.5	13	73	22	3.72	< 10	< 1	0.52	20	1.19	650
16.5-18.0M	205	226	< 5	< 0.2	3.26	12	390	0.5	< 2	1.95	< 0.5	12	89	19	3.47	< 10	< 1	0.97	10	1.60	395
18.0-19.5M	205	226	< 5	< 0.2	2.81	14	370	< 0.5	< 2	1.40	< 0.5	11	82	12	3.60	< 10	< 1	0.68	10	1.44	420
19.5-21.0M	205	226	< 5	< 0.2	3.01	8	280	< 0.5	< 2	2.22	< 0.5	12	89	20	3.91	< 10	< 1	0.53	10	1.68	540
21.0-22.5M	205	226	< 5	< 0.2	2.66	14	340	0.5	< 2	1.61	< 0.5	11	92	13	3.90	< 10	< 1	0.64	10	1.53	510
22.5-24.0M	205	226	< 5	< 0.2	2.28	8	250	< 0.5	< 2	3.41	< 0.5	10	69	15	2.72	< 10	< 1	0.51	10	1.14	415
24.0-25.5M	205	226	< 5	< 0.2	2.72	28	340	< 0.5	< 2	1.86	< 0.5	10	91	14	3.45	< 10	< 1	0.65	10	1.46	450
25.5-27.0M	205	226	< 5	< 0.2	3.20	14	500	< 0.5	< 2	1.51	< 0.5	11	92	18	3.81	< 10	< 1	0.93	10	1.59	425
27.0-28.5M	205	226	< 5	< 0.2	3.01	14	390	< 0.5	< 2	1.88	< 0.5	11	95	11	4.01	< 10	< 1	0.87	10	1.73	540
28.5-30.0M	205	226	< 5	< 0.2	3.00	14	400	0.5	< 2	2.04	< 0.5	12	97	17	3.82	< 10	< 1	0.92	10	1.59	500
30.0-31.5M	205	226	< 5	< 0.2	2.99	96	430	0.5	< 2	1.35	< 0.5	13	87	16	5.39	< 10	< 1	0.83	20	1.22	580
31.5-33.0M	205	226	< 5	< 0.2	3.00	14	400	0.5	< 2	2.62	< 0.5	13	72	22	4.02	< 10	< 1	0.87	10	1.67	585
33.0-34.5M	205	226	< 5	< 0.2	3.18	2	490	< 0.5	< 2	1.64	< 0.5	10	89	15	3.47	< 10	< 1	0.98	10	1.43	380
34.5-36.0M	205	226	< 5	< 0.2	2.19	6	220	< 0.5	< 2	1.87	< 0.5	8	91	10	3.07	< 10	< 1	0.51	20	1.22	435
36.0-37.5M	205	226	< 5	< 0.2	3.19	10	400	0.5	< 2	2.08	< 0.5	12	84	15	3.75	< 10	< 1	0.91	10	1.58	450
37.5-39.0M	205	226	< 5	< 0.2	3.20	16	370	< 0.5	< 2	2.22	< 0.5	11	93	13	3.65	< 10	< 1	0.86	10	1.50	455
39.0-40.5M	205	226	< 5	< 0.2	2.75	12	340	0.5	< 2	2.08	< 0.5	13	86	16	4.12	< 10	< 1	0.65	10	1.62	605
40.5-42.0M	205	226	< 5	< 0.2	2.79	14	330	< 0.5	< 2	2.08	< 0.5	12	78	14	3.92	< 10	< 1	0.70	10	1.57	525
42.0-43.5M	205	226	30	< 0.2	2.06	224	230	< 0.5	< 2	1.52	< 0.5	9	113	17	3.98	< 10	< 1	0.33	10	0.91	400
43.5-45.0M	205	226	15	< 0.2	1.95	130	220	< 0.5	< 2	1.41	< 0.5	8	114	15	3.03	< 10	< 1	0.51	10	1.04	365
45.0-46.5M	205	226	< 5	< 0.2	4.16	30	460	0.5	< 2	1.55	< 0.5	9	88	18	3.81	< 10	< 1	0.42	10	1.07	415
46.5-48.0M	205	226	< 5	< 0.2	2.76	22	400	< 0.5	< 2	2.18	< 0.5	13	102	13	3.91	< 10	< 1	0.71	10	1.49	535
48.0-49.5M	205	226	< 5	< 0.2	1.84	26	260	0.5	< 2	1.38	< 0.5	12	98	23	3.70	< 10	< 1	0.48	10	0.75	505
49.5-51.0M	205	226	< 5	< 0.2	2.30	92	180	0.5	< 2	0.69	< 0.5	10	85	15	3.92	< 10	< 1	0.32	10	1.03	365
51.0-52.5M	205	226	< 5	< 0.2	3.00	38	300	0.5	< 2	1.40	< 0.5	13	85	17	4.47	< 10	< 1	0.41	10	1.38	520
52.5-54.0M	205	226	< 5	< 0.2	3.03	12	260	< 0.5	< 2	2.23	< 0.5	12	102	17	4.15	< 10	< 1	0.52	10	1.81	595
54.0-55.5M	205	226	< 5	< 0.2	1.50	208	130	< 0.5	< 2	1.47	< 0.5	7	71	16	3.04	< 10	< 1	0.26	10	0.85	380
55.5-57.0M	205	226	< 5	< 0.2	2.31	46	190	< 0.5	< 2	0.86	< 0.5	12	132	18	3.93	< 10	< 1	0.32	10	1.01	385
57.0-58.5M	205	226	< 5	< 0.2	3.88	48	920	< 0.5	< 2	1.44	< 0.5	9	122	14	3.52	< 10	< 1	0.66	20	0.83	465
58.5-60.0M	205	226	< 5	< 0.2	1.94	76	220	< 0.5	< 2	1.36	< 0.5	10	87	23	4.87	< 10	< 1	0.46	10	0.84	425

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BURRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

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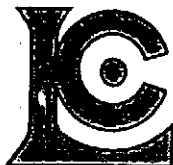
Project : TR 97-1  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745017

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
0-1.5M	205	226	2	0.10	4	880	10	< 2	14	101	0.20	< 10	< 10	99	< 10	92
1.5-3.0M	205	226	< 1	< 0.01	6	350	30	4	5	4	< 0.01	< 10	< 10	21	< 10	74
3.0-4.5M	205	226	1	0.07	7	840	12	2	16	44	0.14	< 10	< 10	82	< 10	116
4.5-6.0M	205	226	1	0.05	8	710	12	2	14	52	0.10	< 10	< 10	75	< 10	104
6.0-7.5M	205	226	1	0.02	9	960	22	6	16	31	0.03	< 10	< 10	68	< 10	118
7.5-9.0M	205	226	2	0.12	6	810	8	< 2	12	100	0.18	< 10	< 10	84	< 10	96
9.0-10.5M	205	226	2	0.05	9	970	20	6	16	64	0.10	< 10	< 10	79	< 10	124
10.5-12.0M	205	226	1	0.05	5	710	10	< 2	11	88	0.10	< 10	< 10	72	< 10	82
12.0-13.5M	205	226	2	0.13	6	820	6	2	8	95	0.22	< 10	< 10	79	< 10	86
13.5-15.0M	205	226	1	0.10	6	610	4	2	8	83	0.09	< 10	< 10	54	< 10	70
15.0-16.5M	205	226	2	0.10	6	880	12	2	13	99	0.12	< 10	< 10	66	< 10	86
16.5-18.0M	205	226	2	0.18	6	860	8	2	9	127	0.20	< 10	< 10	76	< 10	74
18.0-19.5M	205	226	1	0.11	6	780	6	< 2	10	86	0.16	< 10	< 10	77	< 10	86
19.5-21.0M	205	226	1	0.09	6	790	8	< 2	11	111	0.13	< 10	< 10	77	< 10	86
21.0-22.5M	205	226	1	0.07	6	770	8	< 2	12	89	0.14	< 10	< 10	80	< 10	92
22.5-24.0M	205	226	1	0.08	5	730	6	2	8	129	0.14	< 10	< 10	55	< 10	64
24.0-25.5M	205	226	1	0.10	5	720	8	< 2	9	99	0.16	< 10	< 10	72	< 10	78
25.5-27.0M	205	226	1	0.13	6	860	6	< 2	9	97	0.22	< 10	< 10	82	< 10	86
27.0-28.5M	205	226	2	0.09	6	840	8	< 2	10	89	0.21	< 10	< 10	88	< 10	92
28.5-30.0M	205	226	2	0.12	6	800	6	2	10	108	0.21	< 10	< 10	82	< 10	94
30.0-31.5M	205	226	1	0.12	6	880	8	2	13	96	0.18	< 10	< 10	85	< 10	104
31.5-33.0M	205	226	2	0.08	9	980	10	< 2	9	125	0.19	< 10	< 10	88	< 10	82
33.0-34.5M	205	226	2	0.14	5	820	6	< 2	8	113	0.21	< 10	< 10	77	< 10	82
34.5-36.0M	205	226	1	0.05	4	640	8	< 2	7	87	0.12	< 10	< 10	59	< 10	68
36.0-37.5M	205	226	1	0.13	5	840	6	< 2	10	126	0.21	< 10	< 10	86	< 10	94
37.5-39.0M	205	226	2	0.14	5	820	4	< 2	9	133	0.19	< 10	< 10	80	< 10	88
39.0-40.5M	205	226	2	0.08	7	850	8	< 2	12	115	0.14	< 10	< 10	81	< 10	98
40.5-42.0M	205	226	2	0.08	7	860	8	2	10	112	0.16	< 10	< 10	79	< 10	96
42.0-43.5M	205	226	1	0.06	7	650	8	10	7	104	0.07	< 10	< 10	47	< 10	78
43.5-45.0M	205	226	1	0.06	4	670	6	2	6	72	0.13	< 10	< 10	52	< 10	64
45.0-46.5M	205	226	2	0.14	13	740	6	6	5	197	0.12	< 10	< 10	51	< 10	76
46.5-48.0M	205	226	2	0.10	6	830	10	< 2	10	134	0.14	< 10	< 10	72	< 10	98
48.0-49.5M	205	226	1	0.06	7	720	12	< 2	12	63	0.09	< 10	< 10	58	< 10	86
49.5-51.0M	205	226	1	0.04	24	420	20	10	6	43	0.03	< 10	< 10	48	< 10	98
51.0-52.5M	205	226	1	0.06	19	730	10	2	9	106	0.07	< 10	< 10	62	< 10	96
52.5-54.0M	205	226	2	0.07	7	830	8	< 2	10	119	0.12	< 10	< 10	85	< 10	104
54.0-55.5M	205	226	1	0.02	5	530	8	4	7	67	0.02	< 10	< 10	41	< 10	58
55.5-57.0M	205	226	1	0.06	18	450	8	2	8	61	0.05	< 10	< 10	55	< 10	84
57.0-58.5M	205	226	1	0.12	9	1070	8	2	6	203	0.21	< 10	< 10	43	< 10	68
58.5-60.0M	205	226	1	0.07	14	510	6	8	8	90	0.10	< 10	< 10	52	< 10	90

CERTIFICATION:

*Hart Buchler*



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Analytical Chemists \* Geochemists \* Registered Assayers

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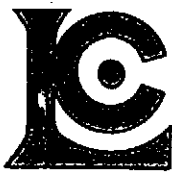
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## CERTIFICATE OF ANALYSIS A9745017

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
60.0-61.5M	205	226	< 5	< 0.2	3.24	20	390	< 0.5	< 2	1.59	< 0.5	10	79	13	3.29	< 10	< 1	0.45	10	0.99	545
61.5-63.0M	205	226	< 5	< 0.2	1.93	24	230	< 0.5	< 2	1.65	< 0.5	10	113	15	3.55	< 10	< 1	0.35	10	1.08	545
63.0-64.5M	205	226	< 5	< 0.2	1.81	104	30	< 0.5	< 2	0.04	< 0.5	9	139	26	4.12	< 10	< 1	0.09	10	0.62	310
64.5-66.0M	205	226	< 5	0.2	1.97	40	220	< 0.5	< 2	1.21	< 0.5	8	110	10	2.79	< 10	< 1	0.41	10	1.01	360
66.0-67.5M	205	226	< 5	< 0.2	2.31	16	460	0.5	< 2	0.52	< 0.5	15	115	14	4.07	< 10	< 1	0.35	10	0.80	665
67.5-69.0M	205	226	< 5	< 0.2	2.90	12	370	< 0.5	< 2	2.38	< 0.5	13	99	18	3.86	< 10	< 1	0.85	10	1.64	535
69.0-70.5M	205	226	< 5	< 0.2	1.69	52	220	< 0.5	< 2	1.29	< 0.5	12	95	22	3.21	< 10	< 1	0.43	10	0.70	475
70.5-72.0M	205	226	< 5	< 0.2	2.75	8	330	< 0.5	< 2	1.92	< 0.5	11	88	15	3.50	< 10	< 1	0.66	10	1.33	475
72.0-73.5M	205	226	< 5	< 0.2	2.60	166	360	< 0.5	< 2	1.43	< 0.5	9	92	18	2.82	< 10	< 1	0.75	10	1.06	345
75.0-76.5M	205	226	< 5	< 0.2	2.63	16	270	< 0.5	< 2	2.17	< 0.5	11	84	15	3.68	< 10	< 1	0.62	10	1.40	510
76.5-78.0M	205	226	< 5	< 0.2	1.32	422	170	< 0.5	< 2	0.70	< 0.5	7	157	9	2.11	< 10	< 1	0.30	10	0.57	240
78.0-74.5M	205	226	< 5	< 0.2	0.79	174	120	< 0.5	< 2	0.93	< 0.5	6	99	18	2.65	< 10	< 1	0.22	20	0.13	395
79.5-81.0M	205	226	< 5	< 0.2	0.92	98	150	< 0.5	< 2	0.40	< 0.5	10	112	21	2.60	< 10	< 1	0.20	10	0.35	365
81.0-82.5M	205	226	20	< 0.2	1.06	554	250	< 0.5	< 2	0.54	< 0.5	6	179	8	2.43	< 10	< 1	0.25	10	0.41	295
82.5-84.0M	205	226	15	< 0.2	0.93	1120	130	< 0.5	< 2	0.17	< 0.5	6	157	12	2.37	< 10	< 1	0.14	< 10	0.32	160
84.0-85.5M	205	226	10	< 0.2	0.85	140	180	< 0.5	< 2	0.67	< 0.5	7	220	16	1.92	< 10	< 1	0.30	10	0.26	365
85.5-87.0M	205	226	25	< 0.2	0.83	262	170	0.5	< 2	1.76	< 0.5	9	85	21	2.93	< 10	< 1	0.30	20	0.27	565
87.0-88.5M	205	226	10	< 0.2	0.83	178	160	< 0.5	< 2	0.72	< 0.5	8	134	17	2.40	< 10	< 1	0.24	30	0.15	345
88.5-90.0M	205	226	275	0.2	1.13	290	400	0.5	4	1.85	< 0.5	8	90	17	2.78	< 10	< 1	0.37	30	0.40	445
90.0-91.5M	205	226	5	< 0.2	1.60	188	160	< 0.5	< 2	1.49	< 0.5	11	144	17	2.95	< 10	< 1	0.32	10	0.75	435
91.5-93.0M	205	226	< 5	< 0.2	1.06	390	190	< 0.5	< 2	1.15	< 0.5	9	122	20	2.81	< 10	< 1	0.22	10	0.48	450
93.0-94.5M	205	226	< 5	< 0.2	0.68	60	190	0.5	< 2	0.92	< 0.5	11	65	22	3.45	< 10	< 1	0.19	30	0.15	585
94.5-96.0M	205	226	< 5	< 0.2	0.54	50	270	0.5	< 2	1.26	< 0.5	10	56	24	3.25	< 10	< 1	0.21	20	0.11	660
96.0-97.5M	205	226	5	< 0.2	0.81	122	280	0.5	< 2	1.57	< 0.5	9	67	23	3.12	< 10	< 1	0.30	30	0.24	390
97.5-99.0M	205	226	< 5	< 0.2	1.65	144	230	0.5	< 2	1.75	< 0.5	16	70	25	3.94	< 10	< 1	0.36	30	0.79	790
99.0-100.5M	205	226	20	< 0.2	1.03	106	100	0.5	< 2	0.96	< 0.5	20	86	21	4.50	< 10	< 1	0.17	20	0.33	675
100.5-102.0M	205	226	10	< 0.2	1.70	38	140	0.5	< 2	3.59	< 0.5	10	73	11	3.89	< 10	< 1	0.30	20	1.11	675
102.0-103.5M	205	226	5	< 0.2	1.91	24	120	< 0.5	< 2	2.67	< 0.5	11	70	13	3.83	< 10	1	0.26	10	1.29	615
103.5-105.0M	205	226	< 5	< 0.2	2.21	54	170	0.5	< 2	2.93	< 0.5	11	76	13	4.22	< 10	< 1	0.27	20	1.16	650
105.0-106.5M	205	226	20	< 0.2	0.70	646	80	< 0.5	< 2	0.56	< 0.5	9	153	20	2.70	< 10	< 1	0.11	10	0.32	570
106.5-108.0M	205	226	20	< 0.2	1.24	164	120	0.5	< 2	2.00	< 0.5	12	60	14	4.04	< 10	< 1	0.22	20	0.70	835
108.0-109.5M	205	226	10	< 0.2	1.50	334	100	0.5	< 2	2.11	< 0.5	14	111	16	5.18	< 10	1	0.11	10	1.01	1140
109.5-111.0M	205	226	15	< 0.2	3.42	8	270	< 0.5	< 2	4.64	< 0.5	8	47	5	3.49	< 10	< 1	0.29	20	1.22	635
111.0-112.5M	205	226	10	< 0.2	3.04	6	270	< 0.5	< 2	3.06	< 0.5	10	85	14	3.66	< 10	< 1	0.49	10	1.46	580
112.5-114.0M	205	226	< 5	< 0.2	4.79	18	530	0.5	< 2	4.39	< 0.5	11	67	10	4.16	< 10	< 1	0.46	30	1.40	635
114.0-115.5M	205	226	< 5	< 0.2	3.90	4	280	< 0.5	< 2	4.38	< 0.5	7	60	3	3.48	< 10	< 1	0.26	20	1.16	575
115.5-117.0M	205	226	< 5	0.2	3.84	4	350	< 0.5	< 2	3.90	< 0.5	10	68	3	5.07	10	1	0.27	20	1.79	835
117.0-118.5M	205	226	< 5	< 0.2	4.16	2	520	< 0.5	< 2	3.80	< 0.5	8	52	4	3.59	< 10	< 1	0.37	20	1.17	515
118.5-120.0M	205	226	5	< 0.2	4.18	8	830	0.5	< 2	3.56	< 0.5	15	59	6	5.98	< 10	< 1	1.25	20	2.14	910
120.0-121.5M	205	226	< 5	< 0.2	0.84	4	40	0.5	< 2	0.68	< 0.5	8	48	6	4.58	< 10	< 1	0.07	30	0.14	635

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BARRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number :2-B  
Total Pages :3  
Certificate Date: 07-OCT-9  
Invoice No. :I9745017  
P.O. Number :  
Account :MSQ

Project : TR 97-1  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS

### A9745017

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
60.0-61.5M	205	226	1	0.11	8	820	8	2	8	163	0.12	< 10	< 10	56	< 10	72
61.5-63.0M	205	226	1	0.05	8	640	8	2	9	114	0.06	< 10	< 10	52	< 10	80
63.0-64.5M	205	226	1	0.02	19	210	4	6	3	9	< 0.01	< 10	< 10	29	< 10	80
64.5-66.0M	205	226	1	0.05	6	510	8	2	7	74	0.08	< 10	< 10	53	< 10	62
66.0-67.5M	205	226	1	0.05	15	930	10	2	10	53	0.07	< 10	< 10	56	< 10	98
67.5-69.0M	205	226	2	0.10	6	780	8	2	10	135	0.19	< 10	< 10	81	< 10	94
69.0-70.5M	205	226	1	0.05	12	600	10	2	9	57	0.08	< 10	< 10	50	< 10	88
70.5-72.0M	205	226	1	0.11	6	720	6	< 2	9	128	0.15	< 10	< 10	68	< 10	86
72.0-73.5M	205	226	1	0.13	6	630	6	2	7	113	0.16	< 10	< 10	60	< 10	68
75.0-76.5M	205	226	2	0.10	6	770	8	< 2	10	133	0.13	< 10	< 10	69	< 10	84
76.5-78.0M	205	226	1	0.05	6	370	8	2	5	46	0.06	< 10	< 10	34	< 10	44
78.0-74.5M	205	226	1	< 0.01	9	370	12	2	4	19	< 0.01	< 10	< 10	13	< 10	58
79.5-81.0M	205	226	1	0.01	16	280	10	6	4	19	< 0.01	< 10	< 10	25	< 10	54
81.0-82.5M	205	226	1	0.03	6	370	10	6	6	36	0.02	< 10	< 10	26	< 10	40
82.5-84.0M	205	226	< 1	0.01	16	130	12	6	2	16	< 0.01	< 10	< 10	15	< 10	46
84.0-85.5M	205	226	1	0.01	9	370	16	6	3	35	< 0.01	< 10	< 10	17	< 10	38
85.5-87.0M	205	226	2	0.01	7	700	14	4	6	55	< 0.01	< 10	< 10	16	< 10	58
87.0-88.5M	205	226	1	0.01	13	340	16	4	2	29	< 0.01	< 10	< 10	9	< 10	52
88.5-90.0M	205	226	2	0.01	7	640	20	6	4	103	0.01	< 10	< 10	17	< 10	50
90.0-91.5M	205	226	1	0.05	11	540	12	2	8	83	0.05	< 10	< 10	39	< 10	72
91.5-93.0M	205	226	1	0.01	9	500	10	2	6	42	0.01	< 10	< 10	27	< 10	58
93.0-94.5M	205	226	1	< 0.01	9	690	24	6	8	31	< 0.01	< 10	< 10	22	< 10	84
94.5-96.0M	205	226	2	< 0.01	9	750	20	6	5	43	< 0.01	< 10	< 10	12	< 10	68
96.0-97.5M	205	226	1	0.01	7	610	30	2	4	77	< 0.01	< 10	< 10	15	< 10	74
97.5-99.0M	205	226	2	0.01	16	870	14	2	9	92	0.01	< 10	< 10	44	< 10	74
99.0-100.5M	205	226	1	< 0.01	25	890	16	4	11	25	< 0.01	< 10	< 10	42	< 10	108
100.5-102.0M	205	226	1	0.03	6	690	14	< 2	11	106	0.03	< 10	< 10	48	< 10	86
102.0-103.5M	205	226	1	0.03	7	720	12	2	9	135	0.02	< 10	< 10	54	< 10	92
103.5-105.0M	205	226	1	0.04	7	810	14	2	11	118	0.03	< 10	< 10	58	< 10	94
105.0-106.5M	205	226	< 1	< 0.01	25	270	10	4	4	12	< 0.01	< 10	< 10	17	< 10	44
106.5-108.0M	205	226	1	< 0.01	7	1020	14	6	10	91	< 0.01	< 10	< 10	47	< 10	84
108.0-109.5M	205	226	1	< 0.01	10	1160	10	4	15	81	< 0.01	< 10	< 10	63	< 10	96
109.5-111.0M	205	226	1	0.12	2	1040	10	< 2	7	246	0.09	< 10	< 10	58	< 10	60
111.0-112.5M	205	226	1	0.13	5	760	8	< 2	9	204	0.12	< 10	< 10	62	< 10	82
112.5-114.0M	205	226	1	0.20	2	1230	6	< 2	9	342	0.18	< 10	< 10	73	< 10	70
114.0-115.5M	205	226	1	0.17	2	1000	8	< 2	7	306	0.06	< 10	< 10	56	< 10	58
115.5-117.0M	205	226	1	0.06	5	1330	6	< 2	10	227	0.07	< 10	< 10	79	< 10	84
117.0-118.5M	205	226	1	0.18	2	1120	6	< 2	6	320	0.12	< 10	< 10	62	< 10	62
118.5-120.0M	205	226	1	0.07	6	1680	2	2	12	211	0.28	< 10	< 10	105	< 10	96
120.0-121.5M	205	226	1	< 0.01	3	1490	18	4	10	18	< 0.01	< 10	< 10	40	< 10	52

CERTIFICATION:

*Stuart Bickel*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BURRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number :3-A  
Total Pages :3  
Certificate Date: 07-OCT-97  
Invoice No. : I9745017  
P.O. Number :  
Account : MSQ

Project : TR 97-1  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS

### A9745017

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
121.5-123.0M	205	226	< 5	< 0.2	2.10	10	400	0.5	< 2	1.81	< 0.5	7	40	5	3.25	< 10	< 1	0.28	30	0.55	505
123.0-124.5M	205	226	< 5	< 0.2	0.51	92	90	0.5	< 2	0.68	< 0.5	14	48	8	5.04	< 10	< 1	0.15	20	0.37	920
124.5-126.0M	205	226	< 5	< 0.2	0.47	184	60	0.5	< 2	0.72	< 0.5	9	55	21	3.11	< 10	< 1	0.12	10	0.11	705
126.0-127.5M	205	226	65	0.6	0.35	368	70	0.5	< 2	0.12	0.5	10	51	16	3.79	< 10	< 1	0.15	< 10	0.02	565
127.5-129.0M	205	226	< 5	< 0.2	0.50	128	60	< 0.5	< 2	0.18	< 0.5	13	108	17	3.23	< 10	< 1	0.14	10	0.07	895
129.0-130.5M	205	226	< 5	0.2	0.57	276	70	0.5	< 2	0.08	< 0.5	8	31	9	2.30	< 10	< 1	0.21	20	0.03	585
130.5-132.0M	205	226	< 5	< 0.2	1.07	50	110	0.5	< 2	0.30	< 0.5	12	71	27	3.13	< 10	< 1	0.23	10	0.35	510

CERTIFICATION:

*Hart Bichler*



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Project : TR 97-1  
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## CERTIFICATE OF ANALYSIS

## A9745017

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
121.5-123.0M	205 226	1	0.07	3	1220	12	2	7	139	0.06	< 10	< 10	50	< 10	46
123.0-124.5M	205 226	1	< 0.01	16	1430	12	6	10	25	< 0.01	< 10	< 10	48	< 10	102
124.5-126.0M	205 226	1	< 0.01	13	780	16	6	6	18	< 0.01	< 10	< 10	21	< 10	74
126.0-127.5M	205 226	1	< 0.01	25	350	30	16	3	16	< 0.01	< 10	< 10	8	< 10	152
127.5-129.0M	205 226	1	< 0.01	18	590	16	4	9	10	< 0.01	< 10	< 10	30	< 10	100
129.0-130.5M	205 226	1	< 0.01	13	350	56	8	1	9	< 0.01	< 10	< 10	5	< 10	160
130.5-132.0M	205 226	1	< 0.01	20	740	16	2	4	16	< 0.01	< 10	< 10	21	< 10	70

CERTIFICATION:

*Sally Howson*

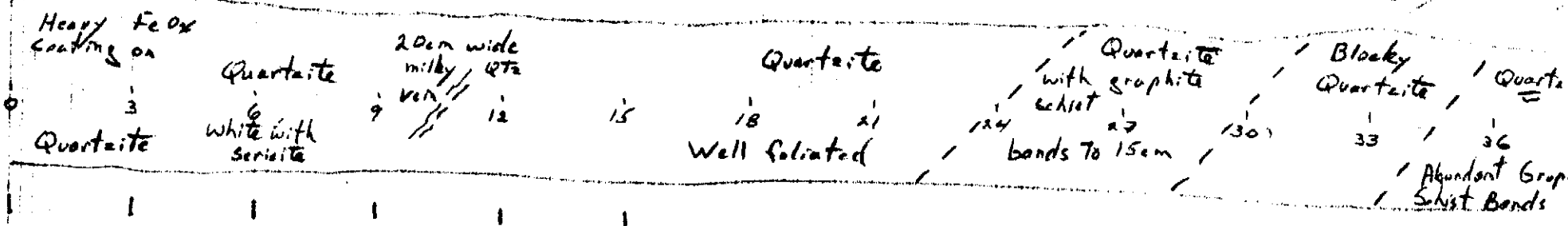


↑  
Down  
Slope

Balsam  
Forest

Push Pile

Push Pile



Au  
ppb

Balsam Forest

Rxs are predominantly grey/white, well foliated and fractured Quartzite showing occasional abundant FeOx on fractures; graphite schist zones; and abundant qtz veining. Some quartzites grade into quartzsericite schist.

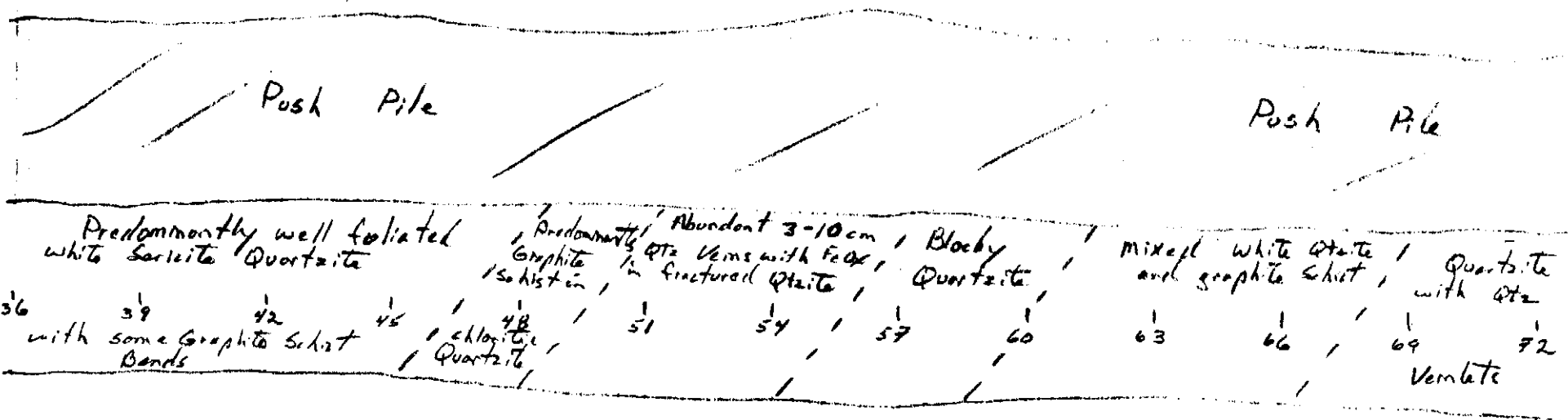
D. Ouellette  
September 25/97  
Scale 1:150



# Barney Ridge

## Trench 97-2

### Plan



D Ouellette  
 September 25/97  
 Scale 1:150

# Barney Ridge

## Trench 97-2 Plan

Slope  
↑



Push Pile

Push Pile

Well fractured  
Quartzite  
with abundant  
Narrow Qtz  
Vermite

Mixed fracture  
Quartzite + Graphite  
Schist

Abundant Fe Ox Coated  
fractures in Quartzite

Quartzite becomes less fractured  
and Fe Ox decreases.

72

75

78

81

84

87

90

93

96

99

102

→ Push Pile

More graphite partings

⊕ L600N Δ 450E  
from 1994 Grid

Balsam forest

Access  
Road



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 212 Brooksbank Ave., North Vancouver  
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To: NEW MILLENNIUM MINING LTD.  
 WATERFRONT CENTRE  
 200 BARRARD ST., 9TH FLOOR  
 VANCOUVER, BC  
 V6C 3L6

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 P.O. Number :  
 Account : MSQ

Project : TR 97-2  
 Comments : ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745012

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
1.5-3.0	205	226	65	< 0.2	0.23	72	40	< 0.5	< 2	0.01	< 0.5	1	152	5	0.59	< 10	< 1	0.16	< 10	0.01	25
3.0-4.5	205	226	15	< 0.2	0.23	36	30	< 0.5	< 2	0.01	< 0.5	5	135	8	0.88	< 10	< 1	0.18	< 10	0.01	75
4.5-6.0	205	226	10	< 0.2	0.23	64	40	< 0.5	< 2	< 0.01	< 0.5	1	119	5	0.71	< 10	< 1	0.17	< 10	0.01	25
9.0-10.5	205	226	15	< 0.2	0.31	30	40	< 0.5	< 2	0.01	< 0.5	< 1	149	3	0.43	< 10	< 1	0.22	< 10	0.01	15
10.5-12.0	205	226	75	0.2	0.29	174	40	< 0.5	< 2	0.01	< 0.5	3	184	5	0.85	< 10	< 1	0.19	< 10	0.01	55
12.0-13.5	205	226	20	0.2	0.36	36	50	< 0.5	< 2	0.01	< 0.5	< 1	141	1	0.32	< 10	< 1	0.28	10	0.01	15
18.0-19.5	205	226	25	< 0.2	0.30	316	30	< 0.5	< 2	0.01	< 0.5	2	146	24	1.92	< 10	< 1	0.17	< 10	0.01	40
19.5-21.0	205	226	40	< 0.2	0.26	244	30	< 0.5	< 2	< 0.01	< 0.5	2	178	4	1.08	< 10	< 1	0.16	< 10	0.01	70
21.0-22.5	205	226	100	0.2	0.33	388	50	< 0.5	< 2	0.01	< 0.5	2	121	7	1.19	< 10	< 1	0.22	10	0.02	50
51.0-52.5	205	226	10	< 0.2	0.31	80	40	< 0.5	< 2	0.01	< 0.5	1	143	5	0.93	< 10	< 1	0.21	10	0.01	20
52.5-54.0	205	226	25	< 0.2	0.26	166	30	< 0.5	< 2	0.01	< 0.5	1	123	16	0.90	< 10	< 1	0.19	< 10	0.01	20
54.0-55.5	205	226	55	< 0.2	0.28	148	40	< 0.5	< 2	0.01	< 0.5	1	172	8	1.15	< 10	< 1	0.17	< 10	0.01	35
84.0-85.5	205	226	20	< 0.2	0.28	108	40	< 0.5	< 2	0.03	< 0.5	1	162	6	0.93	< 10	< 1	0.18	< 10	0.01	25
85.5-87.0	205	226	5	< 0.2	0.40	42	70	< 0.5	< 2	0.34	0.5	9	148	10	1.23	< 10	< 1	0.24	10	0.02	840
87.0-87.5	205	226	25	< 0.2	0.30	122	40	< 0.5	< 2	0.10	2.0	6	128	5	1.56	< 10	< 1	0.19	10	0.01	240

CERTIFICATION: *Sally Howson*



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British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BARRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number : 1-B  
Total Pages : 1  
Certificate Date: 07-OCT  
Invoice No. : I97450  
P.O. Number :  
Account : MSQ

Project: TR 97-2  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS

A9745012

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
1.5-3.0	205	226	< 1	< 0.01	4	30	8	2	< 1	5	< 0.01	< 10	< 10	1	< 10	12
3.0-4.5	205	226	< 1	< 0.01	7	30	8	2	< 1	3	< 0.01	< 10	< 10	1	< 10	62
4.5-6.0	205	226	< 1	< 0.01	4	40	10	2	< 1	5	< 0.01	< 10	< 10	1	< 10	20
9.0-10.5	205	226	< 1	< 0.01	3	30	8	< 2	< 1	6	< 0.01	< 10	< 10	1	< 10	8
10.5-12.0	205	226	< 1	< 0.01	10	40	10	6	< 1	3	< 0.01	< 10	< 10	1	< 10	56
12.0-13.5	205	226	< 1	< 0.01	2	10	14	2	< 1	4	< 0.01	< 10	< 10	1	< 10	2
18.0-19.5	205	226	< 1	< 0.01	5	70	10	8	< 1	4	< 0.01	< 10	< 10	3	< 10	10
19.5-21.0	205	226	< 1	< 0.01	7	50	8	8	< 1	4	< 0.01	< 10	< 10	1	< 10	24
21.0-22.5	205	226	< 1	< 0.01	4	60	12	8	< 1	6	< 0.01	< 10	< 10	2	< 10	22
51.0-52.5	205	226	< 1	< 0.01	6	50	20	6	< 1	3	< 0.01	< 10	< 10	2	< 10	32
52.5-54.0	205	226	< 1	< 0.01	3	70	22	10	< 1	3	< 0.01	< 10	< 10	2	< 10	12
54.0-55.5	205	226	< 1	< 0.01	7	80	18	6	< 1	6	< 0.01	< 10	< 10	2	< 10	28
84.0-85.5	205	226	< 1	< 0.01	5	260	20	4	1	9	< 0.01	< 10	< 10	1	< 10	48
85.5-87.0	205	226	< 1	< 0.01	10	690	14	8	2	24	< 0.01	< 10	< 10	2	< 10	204
87.0-87.5	205	226	< 1	< 0.01	16	450	14	6	1	13	< 0.01	< 10	< 10	1	< 10	152

CERTIFICATION:

*Handwritten signature: Stuart B. ...*

Lot 4

Barney Ridge  
Trench 97-3  
Plan

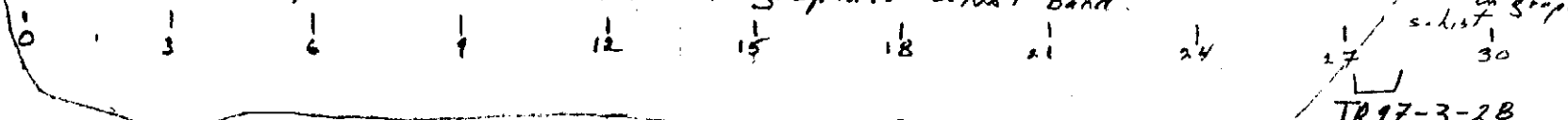
Balsam  
Forest

N

Scale 1:150

Push Pile

White/Grey Quartzite with infrequent milky, FeOx coated quartz veins containing  
minor (<1%) sulphides (Stibnite?). Occasional graphitic schist band.



QV, 5cm  
in Schist

⊕ L 600N Δ 700E  
from 1984 Grid

Access  
Road

All samples are grabs from  
ripped material from floor of trench.

D. Ouellette  
September 25/97



2094

# Barney Ridge Trench 97-3 Plan

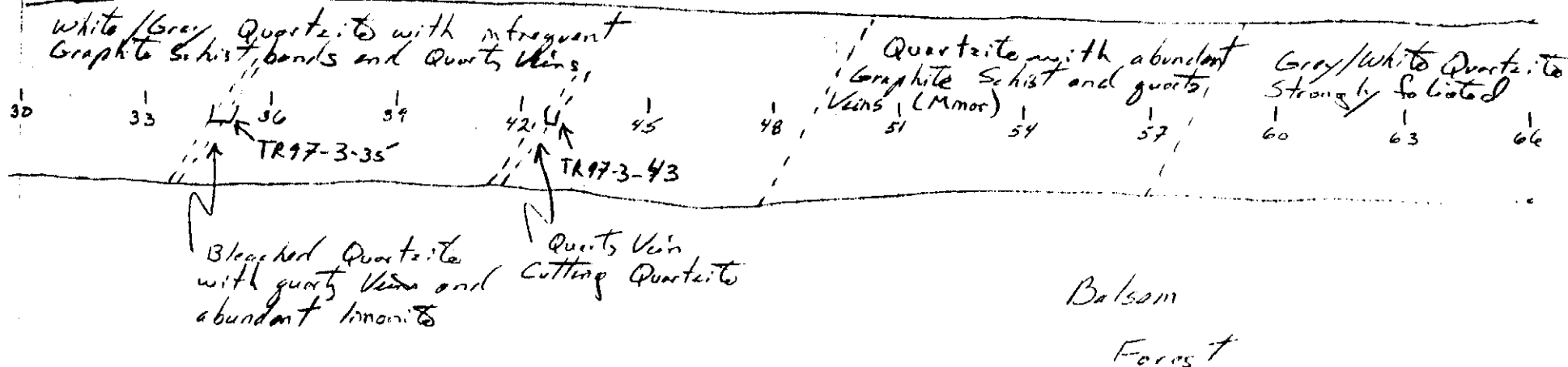
Down  
Slope  
↑

Balsam  
Forest



Scale 1:150

Push Pile



D Ouellette  
September 25/97

Frozen Ground Limited  
Success of trench. All samples  
from ripper material through  
middle of trench. All samples  
are grabs

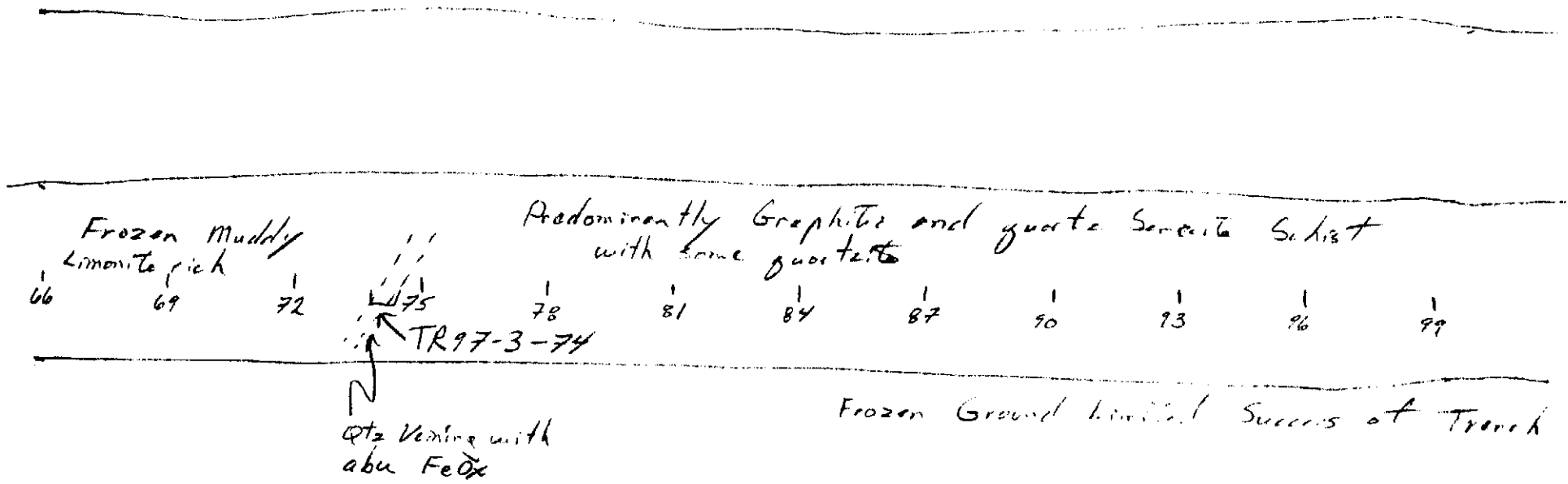
3 of 4

# Barney Ridge Trench 97-3 Plan

Down Slope  
↑

N  
↑  
Scale 1:150

Balsam Forest

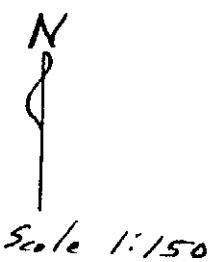


D Ouellette  
September 25/97

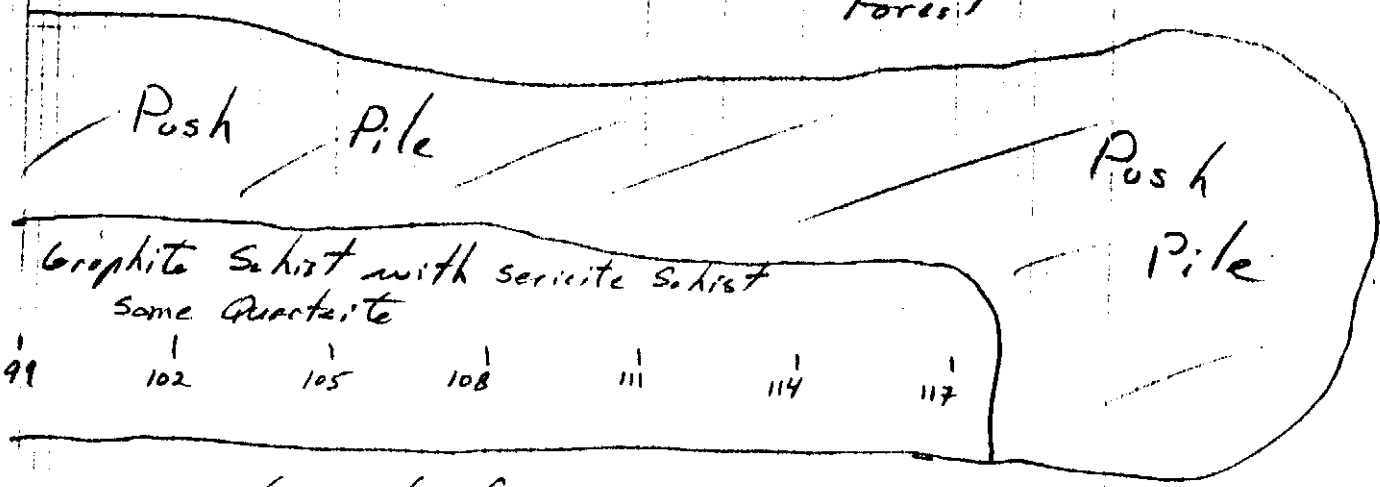
4 of 4

# Barney Ridge Trench 97-3 Plan

Down Slope  
↑



Balsam  
Forest



Graphite Schist with sericite schist  
Some Quartzite

99 102 105 108 111 114 117

Ground Frozen

D. Ouellette  
September 25/97

Balsam Forest



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
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To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BURRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number : 1-A  
Total Pages : 1  
Certificate Date: 07-001  
Invoice No. : 197450  
P.O. Number :  
Account : MSQ

Project : TR 97-3  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745013

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
28.0	205	226	190	< 0.2	0.23	366	40	< 0.5	< 2	0.02	< 0.5	3	127	9	0.90	< 10	< 1	0.11	10	0.01	70
35.0	205	226	100	< 0.2	0.31	190	30	< 0.5	< 2	0.01	< 0.5	5	128	24	1.24	< 10	< 1	0.16	10	< 0.01	100
41.0	205	226	25	< 0.2	0.19	102	20	< 0.5	< 2	< 0.01	< 0.5	6	130	3	1.02	< 10	< 1	0.10	10	< 0.01	225
74.0	205	226	< 5	< 0.2	0.19	10	80	< 0.5	< 2	3.01	< 0.5	10	107	45	2.46	< 10	< 1	0.13	< 10	0.61	535

CERTIFICATION:

*Hart Bichler*



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200 BURRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L8

Page Number : 1-B  
Total Pages : 1  
Certificate Date: 07-OCT  
Invoice No. : 197450  
P.O. Number :  
Account : MSQ

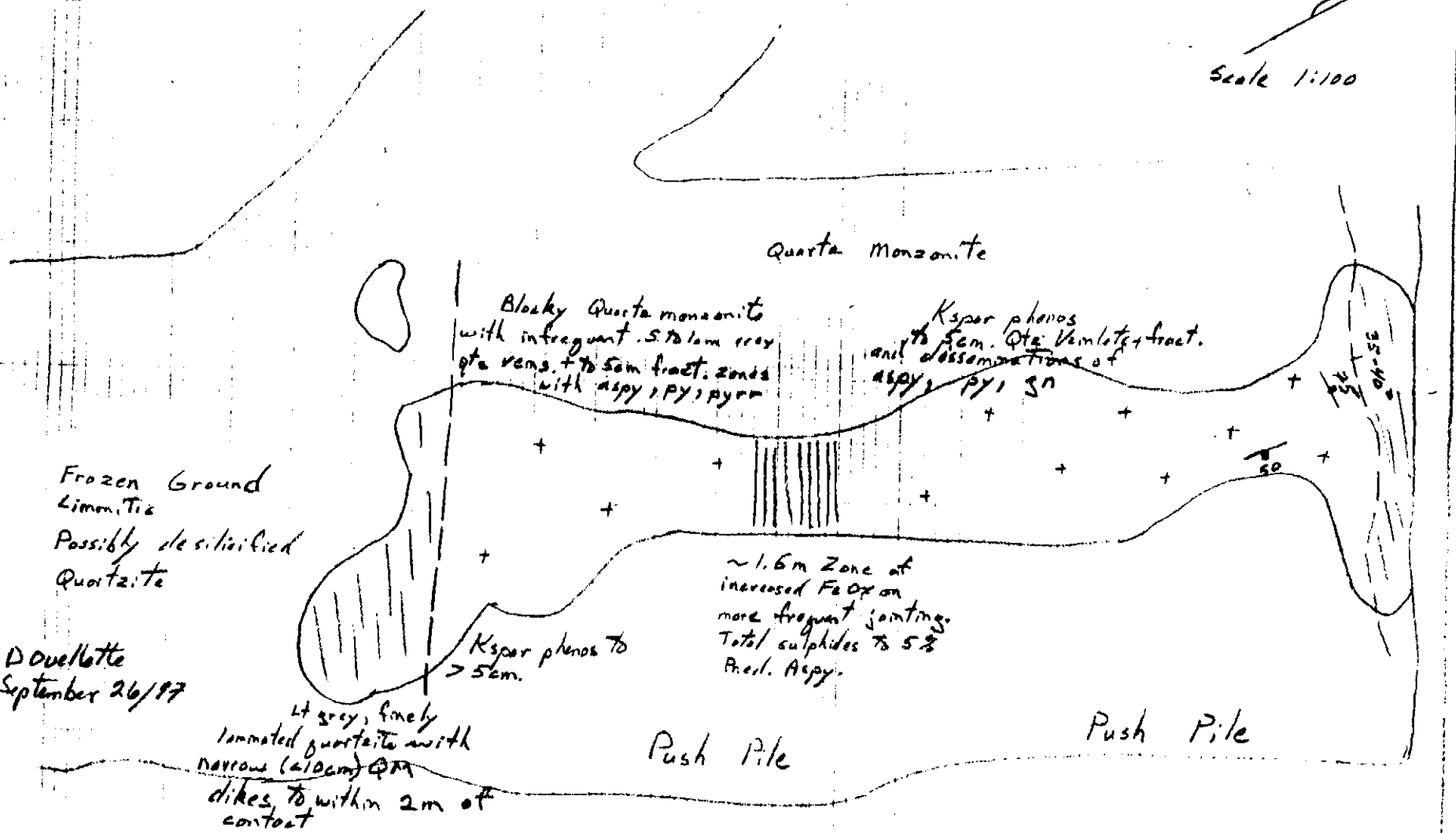
Project : TR 97-3  
Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745013

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
28.0	205 226	< 1	< 0.01	6	60	8	30	1	9	< 0.01	< 10	< 10	1	< 10	20
35.0	205 226	< 1	< 0.01	10	50	8	14	< 1	5	< 0.01	< 10	< 10	1	< 10	38
41.0	205 226	< 1	< 0.01	11	40	8	6	< 1	5	< 0.01	< 10	< 10	1	< 10	28
74.0	205 226	1	< 0.01	18	100	8	26	4	64	< 0.01	< 10	< 10	20	< 10	28

CERTIFICATION: Hart Bichler

# Saddle Zone Trench 97-4 Plan



Frozen Ground  
Limit. Tie  
Possibly desilicified  
Quartzite

Dovellotte  
September 26/97

Blocky Quartz monzonite  
with infrequent .5 to 1 cm cross  
qtz veins + to 5 cm fract. zones  
with aspy, py, pyr

Ksp. pheno.  
to 5 cm. Qtz Veinlets + fract.  
and disseminations of  
aspy, py, sn

~1.6 m Zone of  
increased Fe Ox on  
more frequent jointing.  
Total sulphides to 5%  
Pres. Aspy.

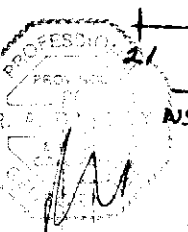
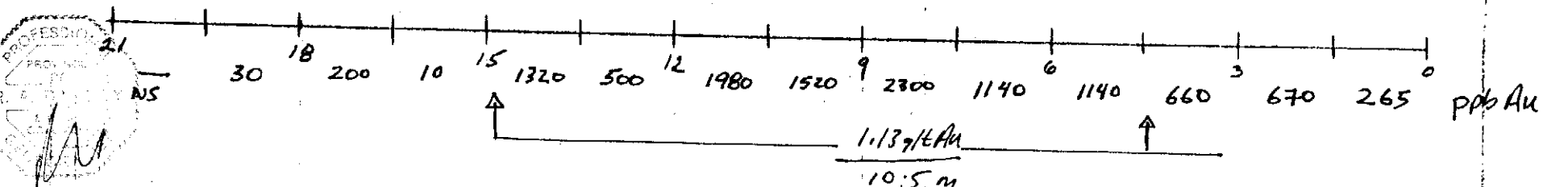
Ksp. pheno. to  
> 5 cm.

Lt grey, finely  
laminated quartzite with  
narrow (1-10 cm) Qtz  
dikes to within 2 m of  
contact

Push Pile

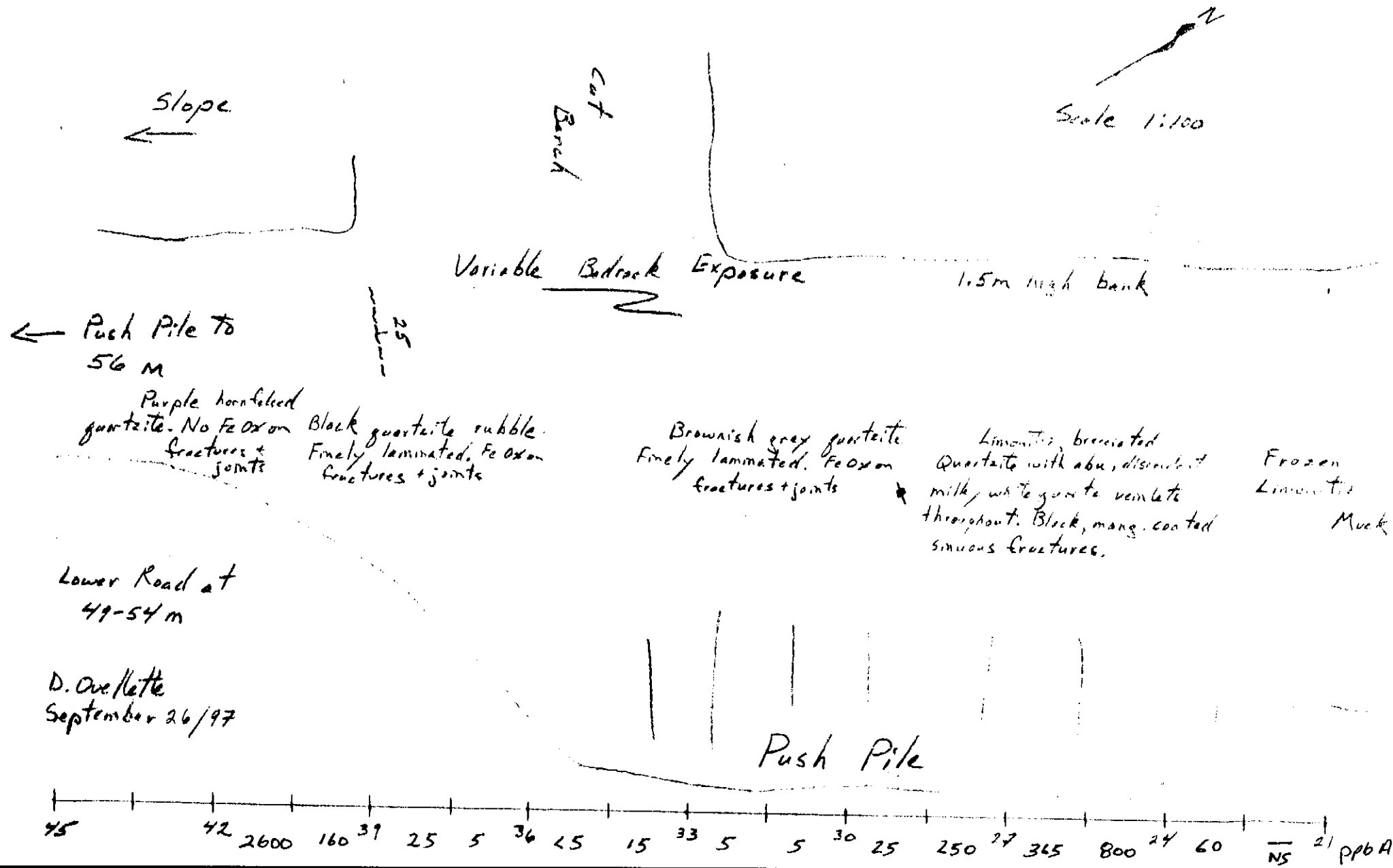
Push Pile

Ridge  
Access Road



2 of 2

Saddle Zone  
Trench 97-4  
Plan





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 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: NEW MILLENNIUM MINING LTD.  
 WATERFRONT CENTRE  
 200 BURREARD ST., 9TH FLOOR  
 VANCOUVER, BC  
 V6C 3L6

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date : 16-09-2000  
 Invoice No. : 19745  
 P.O. Number :  
 Account : MSQ

Project : TR 97-4  
 Comments : ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745015

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
0-1.5	205 226	265	0.2	1.61	198	150	0.5	< 2	0.17	< 0.5	7	113	60	2.98	< 10	< 1	0.68	30	0.75	195
1.5-3.0	205 226	670	< 0.2	1.19	548	150	0.5	6	0.21	< 0.5	9	87	81	2.56	< 10	< 1	0.37	30	0.52	185
3.0-4.5	205 226	660	0.2	1.21	316	170	< 0.5	6	0.39	< 0.5	6	101	94	2.80	< 10	< 1	0.48	50	0.60	175
4.5-6.0	205 226	1140	< 0.2	1.21	1180	180	< 0.5	12	0.32	< 0.5	11	83	71	2.45	< 10	< 1	0.47	30	0.61	140
6.0-7.5	205 226	1140	< 0.2	1.18	694	180	< 0.5	8	0.36	< 0.5	8	90	78	2.45	< 10	< 1	0.45	40	0.61	140
7.5-9.0	205 226	2300	< 0.2	1.26	896	170	< 0.5	24	0.38	< 0.5	9	80	68	2.45	< 10	< 1	0.46	40	0.65	125
9.0-10.5	205 226	1520	< 0.2	1.20	828	170	< 0.5	14	0.33	< 0.5	7	98	55	2.19	< 10	< 1	0.42	30	0.60	130
10.5-12.0	205 226	1980	< 0.2	1.22	1410	180	< 0.5	24	0.41	< 0.5	12	93	44	2.21	< 10	< 1	0.36	40	0.60	175
12.0-13.5	205 226	500	0.2	1.50	934	180	0.5	2	0.28	< 0.5	10	80	66	2.57	< 10	< 1	0.36	40	0.61	170
13.5-15.0	205 226	1320	< 0.2	1.40	576	210	< 0.5	10	0.35	< 0.5	8	101	68	2.29	< 10	< 1	0.50	40	0.68	125
15.0-16.5	205 226	10	< 0.2	2.24	48	240	0.5	< 2	0.40	< 0.5	15	128	55	3.93	< 10	< 1	1.14	40	1.07	350
16.5-18.0	205 226	200	< 0.2	1.68	142	110	< 0.5	< 2	0.18	< 0.5	10	88	27	2.65	< 10	< 1	0.75	10	0.74	195
18.0-19.5	205 226	30	< 0.2	1.55	44	110	< 0.5	< 2	0.14	< 0.5	8	97	23	2.54	< 10	< 1	0.63	20	0.69	180
19.5-21.0	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
21.0-22.5	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
22.5-24.0	205 226	60	0.2	0.32	1120	40	< 0.5	2	0.04	< 0.5	12	75	31	3.84	< 10	< 1	0.13	10	0.04	460
24.0-25.5	205 226	800	0.8	0.35	1440	30	< 0.5	< 2	0.04	< 0.5	13	93	16	5.71	< 10	< 1	0.15	10	0.03	270
25.5-27.0	205 226	365	0.2	0.30	492	30	< 0.5	< 2	0.02	< 0.5	3	144	6	2.08	< 10	< 1	0.14	10	0.01	75
27.0-28.5	205 226	250	0.2	0.28	566	40	< 0.5	< 2	0.02	< 0.5	6	123	7	1.83	< 10	< 1	0.13	10	0.01	295
28.5-30.0	205 226	25	< 0.2	1.58	56	70	< 0.5	< 2	0.05	< 0.5	9	137	9	2.53	< 10	< 1	0.76	10	0.59	215
30.0-31.5	205 226	5	< 0.2	2.35	82	110	< 0.5	< 2	0.04	< 0.5	14	98	21	3.67	< 10	< 1	1.33	10	0.95	250
31.5-33.0	205 226	5	< 0.2	1.34	38	50	< 0.5	< 2	0.03	< 0.5	10	133	21	2.52	< 10	< 1	0.67	< 10	0.51	170
33.0-34.5	205 226	15	< 0.2	2.05	118	90	< 0.5	< 2	0.18	< 0.5	11	104	23	3.49	< 10	< 1	0.97	10	0.70	260
34.5-36.0	205 226	< 5	< 0.2	1.70	14	50	0.5	< 2	0.34	< 0.5	12	122	21	1.94	< 10	< 1	0.55	10	0.58	1145
36.0-37.5	205 226	5	< 0.2	1.32	24	40	< 0.5	< 2	0.40	< 0.5	19	133	16	1.62	< 10	< 1	0.22	10	0.37	2280
37.5-39.0	205 226	25	< 0.2	2.08	62	80	< 0.5	< 2	0.11	< 0.5	14	130	46	3.29	< 10	< 1	1.12	10	1.01	340
39.0-40.5	205 226	160	< 0.2	1.73	30	60	< 0.5	< 2	0.20	< 0.5	8	105	45	2.75	< 10	< 1	0.72	10	0.78	365
40.5-42.0	205 226	2600	< 0.2	1.76	642	70	< 0.5	24	0.33	< 0.5	15	105	41	2.61	< 10	< 1	0.71	< 10	0.77	325

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

NEW GREENVIEW MINING LTD.  
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Project : TR 97-4  
 Comments: ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 16-OCT  
 Invoice No. : 197450  
 P.O. Number :  
 Account : MSQ

## CERTIFICATE OF ANALYSIS A9745015

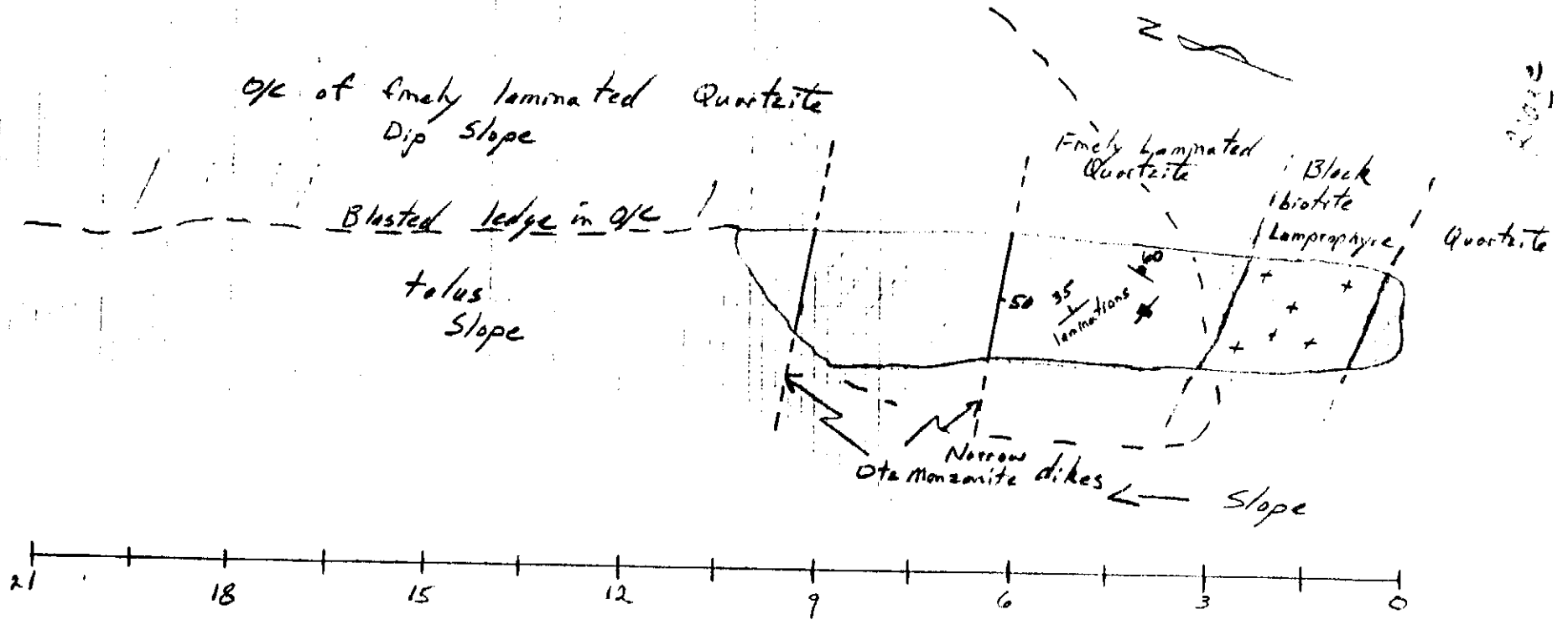
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			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
0-1.5	205	226	2	0.02	10	410	8	< 2	4	20	0.10	< 10	< 10	33	10	40
1.5-3.0	205	226	3	0.02	6	510	4	< 2	4	27	0.08	< 10	< 10	28	20	20
3.0-4.5	205	226	1	0.04	5	510	2	< 2	4	45	0.12	< 10	< 10	33	20	22
4.5-6.0	205	226	2	0.03	6	540	2	< 2	5	41	0.12	< 10	< 10	34	90	18
6.0-7.5	205	226	3	0.05	6	520	2	< 2	5	46	0.11	< 10	< 10	33	30	18
7.5-9.0	205	226	3	0.04	6	540	2	< 2	5	39	0.11	< 10	< 10	34	60	16
9.0-10.5	205	226	3	0.05	5	510	2	< 2	4	43	0.10	< 10	< 10	31	30	18
10.5-12.0	205	226	1	0.03	7	520	6	2	4	38	0.10	< 10	< 10	32	80	42
12.0-13.5	205	226	2	0.03	6	600	6	2	5	31	0.10	< 10	< 10	34	20	20
13.5-15.0	205	226	3	0.04	6	560	2	< 2	6	40	0.13	< 10	< 10	37	40	16
15.0-16.5	205	226	3	0.03	26	720	2	2	8	23	0.20	< 10	< 10	64	< 10	54
16.5-18.0	205	226	1	0.01	18	220	2	< 2	4	23	0.12	< 10	< 10	40	10	36
18.0-19.5	205	226	< 1	0.01	15	290	4	< 2	4	13	0.11	< 10	< 10	40	< 10	36
19.5-21.0	--	--	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
21.0-22.5	--	--	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
22.5-24.0	205	226	3	< 0.01	17	140	4	20	< 1	9	< 0.01	< 10	< 10	9	10	92
24.0-25.5	205	226	10	< 0.01	27	170	4	22	< 1	8	< 0.01	< 10	< 10	9	30	84
25.5-27.0	205	226	1	< 0.01	8	80	6	6	1	5	< 0.01	< 10	< 10	7	< 10	22
27.0-28.5	205	226	2	< 0.01	8	60	6	6	< 1	8	< 0.01	< 10	< 10	6	< 10	26
28.5-30.0	205	226	1	< 0.01	20	140	4	< 2	4	10	0.10	< 10	< 10	39	< 10	44
30.0-31.5	205	226	< 1	< 0.01	25	170	2	< 2	4	11	0.16	< 10	< 10	51	< 10	58
31.5-33.0	205	226	1	< 0.01	19	80	2	< 2	3	5	0.09	< 10	< 10	30	< 10	38
33.0-34.5	205	226	1	0.01	17	130	4	< 2	3	20	0.12	< 10	< 10	36	< 10	50
34.5-36.0	205	226	1	0.03	25	90	2	< 2	2	51	0.06	< 10	< 10	23	< 10	50
36.0-37.5	205	226	1	0.06	43	110	2	< 2	2	56	0.05	< 10	< 10	18	< 10	46
37.5-39.0	205	226	1	0.01	23	330	4	2	4	20	0.13	< 10	< 10	43	< 10	56
39.0-40.5	205	226	1	0.03	15	120	2	< 2	3	27	0.10	< 10	< 10	35	10	42
40.5-42.0	205	226	1	0.03	24	150	4	< 2	4	42	0.08	< 10	< 10	35	450	44

CERTIFICATION:

*[Signature]*

Saddle Zone  
Trench 97-5  
Plan

1 of 2

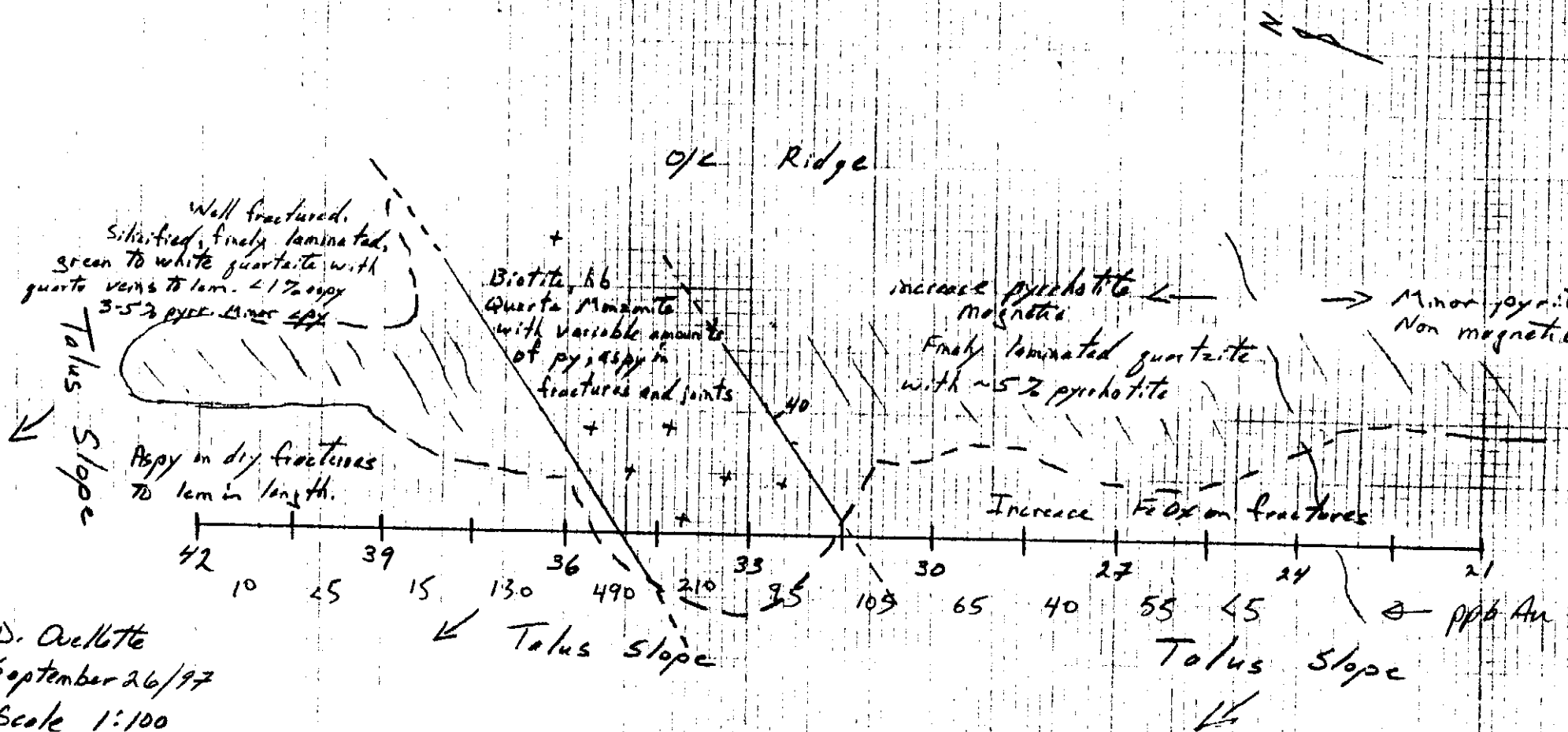


D. Ouellette  
September 26/97  
Scale 1:100



2 of 2

# Saddle Zone Trench 97-5 Plan



D. Ouellette  
 September 26/97  
 Scale 1:100



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
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To: NEW MILLENNIUM MINING LTD.  
WATERFRONT CENTRE  
200 BURRARD ST., 9TH FLOOR  
VANCOUVER, BC  
V6C 3L6

Page Number : 1-A  
Total Pages : 1  
Certificate Date: 07-0C  
Invoice No. : 19745C  
P.O. Number :  
Account : MSQ

Project : TR 97-5  
Comments : ATTN: SALLY HOWSON CC: AURUM GEOLOGICAL

## CERTIFICATE OF ANALYSIS A9745016

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
24.0-25.5	205	226	< 5	< 0.2	4.92	2	140	1.5	< 2	1.21	< 0.5	10	120	49	4.36	< 10	< 1	1.68	10	1.88	545
25.5-27.0	205	226	55	0.2	3.91	84	100	1.0	< 2	1.06	< 0.5	18	114	125	4.03	< 10	< 1	1.13	10	1.27	360
27.0-28.5	205	226	40	< 0.2	2.93	6	50	1.5	< 2	1.71	< 0.5	12	82	46	2.20	< 10	< 1	0.35	10	0.84	505
28.5-30.0	205	226	65	< 0.2	3.12	4	20	0.5	< 2	4.09	< 0.5	4	72	14	0.87	< 10	< 1	0.17	10	0.42	490
30.0-31.5	205	226	105	< 0.2	1.41	8	220	0.5	< 2	0.30	< 0.5	7	103	85	2.66	< 10	< 1	0.53	40	0.60	220
31.5-33.0	205	226	95	< 0.2	1.31	< 2	170	< 0.5	< 2	0.35	< 0.5	7	92	71	2.36	< 10	< 1	0.60	30	0.60	180
33.0-34.5	205	226	210	< 0.2	1.51	64	210	< 0.5	2	0.40	< 0.5	11	96	135	3.52	< 10	< 1	0.64	50	0.70	175
34.5-36.0	205	226	490	< 0.2	1.26	198	200	< 0.5	18	0.36	< 0.5	14	70	129	3.01	< 10	< 1	0.53	40	0.60	125
36.0-37.5	205	226	130	< 0.2	1.47	46	150	< 0.5	2	0.41	< 0.5	8	105	104	2.52	< 10	< 1	0.51	30	0.62	130
37.5-39.0	205	226	15	< 0.2	1.55	252	30	< 0.5	< 2	0.92	< 0.5	7	120	32	1.73	< 10	< 1	0.34	10	0.61	210
39.0-40.5	205	226	< 5	< 0.2	1.19	6	20	< 0.5	< 2	0.44	< 0.5	5	152	16	1.54	< 10	< 1	0.26	10	0.47	220
40.5-42.0	205	226	10	< 0.2	0.70	144	10	< 0.5	< 2	0.48	< 0.5	6	105	34	1.45	< 10	< 1	0.12	< 10	0.38	180

CERTIFICATION: *H. B. Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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## CERTIFICATE OF ANALYSIS

### A9745016

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
24.0-25.5	205 226	7	0.08	19	270	4	2	11	68	0.24	< 10	< 10	72	< 10	88
25.5-27.0	205 226	3	0.10	32	230	2	< 2	8	82	0.16	< 10	< 10	59	30	58
27.0-28.5	205 226	1	0.14	26	250	< 2	< 2	5	171	0.09	< 10	< 10	33	< 10	60
28.5-30.0	205 226	1	0.16	12	190	< 2	< 2	1	377	0.07	< 10	< 10	11	30	22
30.0-31.5	205 226	2	0.04	6	520	2	< 2	5	31	0.12	< 10	< 10	34	10	26
31.5-33.0	205 226	12	0.04	10	420	2	< 2	5	27	0.12	< 10	< 10	33	< 10	28
33.0-34.5	205 226	2	0.05	6	590	2	< 2	6	37	0.17	< 10	10	40	< 10	24
34.5-36.0	205 226	2	0.04	7	510	2	< 2	5	30	0.12	< 10	< 10	33	10	16
36.0-37.5	205 226	4	0.05	8	360	2	< 2	5	35	0.11	< 10	< 10	31	< 10	24
37.5-39.0	205 226	1	0.05	10	150	< 2	< 2	3	59	0.07	< 10	< 10	23	30	36
39.0-40.5	205 226	1	0.06	9	120	2	< 2	3	21	0.05	< 10	< 10	17	< 10	30
40.5-42.0	205 226	1	0.03	12	120	2	< 2	2	15	0.03	< 10	< 10	16	< 10	24

CERTIFICATION:

*Hart Bechler*