Geochemical Assessment Report

On The

Red Property

Lac La Hache, British Columbia

UTM 92P.093/ 92P.094

610000E 5755500N

Clinton Mining Division

By

David E. Blann, P.Eng.

Norian Resources Corp.

March, 2002

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1.0 Summary

The Red property is located 16 kilometres north-northeast of the village of Lac La Hache, in the south central Cariboo region of British Columbia. The property is accessed by approximately 28 kilometres of all weather logging roads, and in part by old skid trails. Lac La Hache is located on B.C. Highway 97, and is serviced by B.C. Rail, and B.C. Hydro.

The claim area is underlain by the west central portion of the Quesnel Trough, an Upper Triassic-Jurassic volcanic island arc sequence intruded by high level coeval dikes and stocks of gabbro, diorite, monzonite, and locally syenite. These rocks are in contact with the 193 m.y. old composite Takomkane batholith to the east, and Eocene to Miocene volcanic rocks crosscut and cover portions of the older rocks. The area was covered by approximately 1200-1800 metres of ice during glaciation, and removed both Tertiary and older rocks, and deposited between 1 and 30 metres or more of till, glaciofluvial and lacustrine cover.

The property is approximately 80% covered by glacial and glaciofluvial deposits. Sporadic outcrop occurs predominantly in the eastern portion of the claims; here, the property is underlain by fine grained units including limestone, greywacke, siltstone and argillite, and andesite to basalt volcanic breccia, flow and tuff and intrusive breccia; these rocks are cut by dikes of monzonite and basalt composition. Eocene-Miocene aged volcanic rocks occur to the southeast and west of the Red claims, and on the north side of Spout Lake.

Previous geochemical surveys on the Red claims returned 25 samples containing greater than 40 ppb gold, and a further 18 samples containing 100-1930 ppb gold. Induced polarization surveys outlined a 2 kilometre by 1 kilometre area of anomalous chargeability that remains open to the west. A float sample of soft, magnetite-rich sericite-magnetite-carbonate altered augite andesite containing 0.7% copper, and the North zone of G.W.R. Resources Inc. contains a "drill indicated resource of 595,000 tonnes grading 1.79% copper and 50% magnetite" near the eastern edge of the property.

In the fall of 2001, 10.2 kilometres of grid, and 115 hand-auger till samples were performed over a magnetic anomaly on the western portion of the Red property. Two rock samples of the Road showing to the east returned up to 5,612 ppm copper, 10.8 ppm silver, 10 ppb gold, 4 ppb palladium. Till samples were analyzed by both acid leach and cyanide leach methods. Results of the till sampling include two coincident to overlapping 90%, 95%, 99% probability anomalies of copper, arsenic, potassium and gold approximately 200 metres in width and 600 metres in length, and approximately 150 metres in width, 300 metres in length, respectively. Cyanide leach gold anomalies support ICP anomalies, and their correlation with proximity to the magnetic anomaly. In addition cyanide leach results returned a unique molybdenum and palladium anomaly approximately 200 metres in width and 800 metres in length in the northeast portion of the survey, remains open.

It is recommended that induced polarization and further linecutting and till sampling be performed to cover and expand on current and previous geochemical surveys. Test pitting of the main copper-arsenic-potassium-gold anomaly outlined in this survey is warranted.

2.0 Introduction

The purpose of the 2001 program was to explore a magnetic anomaly located on the western side of the property, where 4 till samples returned anomalous copper and gold values during previous work (Blann,1998). Approximately 3-20+/- metres of poor to strongly sorted glacial till and unknown distribution of Eocene/Miocene aged volcanic cover rock occur, and complicate geochemical interpretation. 10.2 kilometres of grid, 115 hand-auger till and two rock samples were taken and analyzed at Acme Analytical Laboratories, in Vancouver, B.C., by CN- leach, standard ICP, and Loss on Ignition methods.

3.0 Location and Infrastructure

The Red claims are located 17 kilometres north-northeast of the village of Lac La Hache, and approximately 400 kilometres northeast of Vancouver, British Columbia (Figure 1). The approximate NTS coordinates are 51° 57' N latitude and 121° 23" W longitude. The property is accessible by approximately 30 kilometres of paved and all-weather gravel road; logging roads and cut block spurs transect the property. Highway 97, B.C. Rail, B.C. Hydro, and a natural gas pipeline are located in Lac La Hache. Twenty-six kilometres south of Lac La Hache is the town of 100 Mile House, population 5,000. The local economy is primarily dependent on forestry and ranching.

4.0 Physiography and Climate

The Red 1-6 claims are situated in the Central Plateau of the Cariboo region of south central British Columbia. The area is characterized by gentle hills with elevations ranging from 850 to 1500 metres. Approximately 40% of the fir, spruce and pine forest in the immediate area has been logged and replanted. Several large lakes and numerous creeks provide water year-round. The annual precipitation is from 500 to 1000 millimetres, with most of it occurring during the winter months. Winter snow cover averages 1-2 metres, arriving by early November and departing by April.

5.0 Property Status

The Red property is comprised of 4 modified grid and 2 single unit claims recorded in the Clinton Mining Division (Figure 2).

Table 1 Claim Status

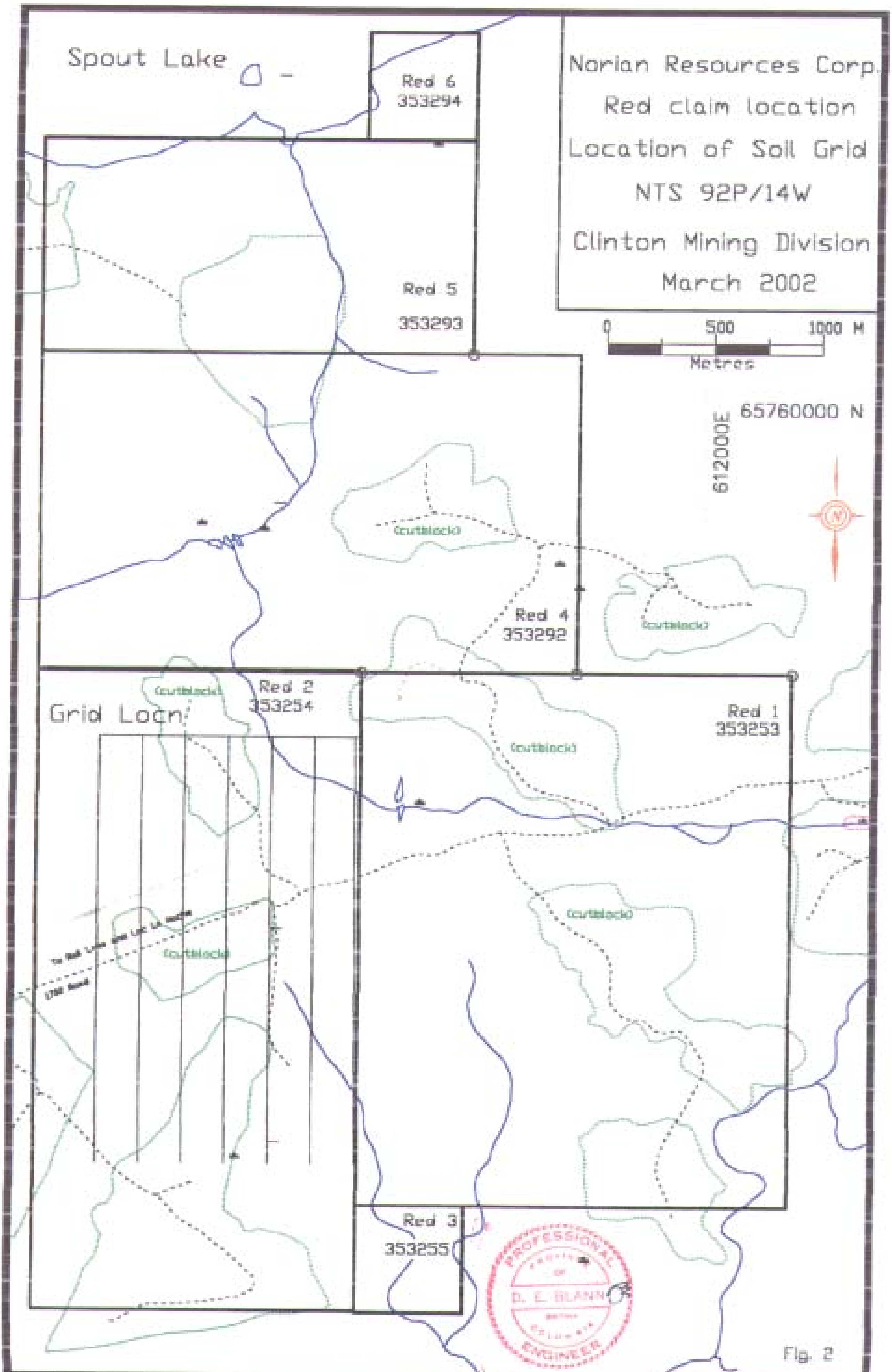
Claim	Record Number	Units	Expire Date*
Red 1	353253	20	Jan 15, 2003
Red 2	353254	18	Jan 15, 2003
Red 3	353255	1	Jan 15, 2003
Red 4	353292	15	Jan 15, 2003
Red 5	353293	8	Jan 15, 2003
Red 6	353294	1	Jan 15, 2003
* pending Assessment Approval		Total 63 units	

NTS: 92P14W/14E
Lat: 51° 57'N Long: 121° 17'W
Clinton Mining Division
Date: Jan 2002

Norian Resources Corp.
Red Property
Location

Standard Metals Exploration Ltd.

Fig. 1


Norian Resources Corp.
Red claim location
Location of Soil Grid
NTS 92P/14W
Clinton Mining Division
March 2002
0
500
1000 M
Metres
65760000 N
612000E
Spout Lake
Red 6
353294
Red 5
353293
Red 4
353292
Red 2
353254
Red 1
353253
Red 3
353255
Grid Locn
(cutblock)
(cutblock)
(cutblock)
(cutblock)
(cutblock)
(cutblock)
PROFESSIONAL
ENGINEER
D. E. BLANN
Fig. 2

6.0 History

The Lac La Hache area was initially prospected for placer gold during the Cariboo Gold Rush in the 1890's. In 1966 the federal government performed an airborne magnetic survey of the Lac La Hache area resulting in the delineation of a large annular magnetic anomaly. This was followed by exploration for porphyry copper and skarn mineralization. In 1966-1967, the Coranex Syndicate initiated regional reconnaissance soil sampling, resulting in the discovery of porphyry copper mineralization on the Peach showings, south of Peach Lake.

In 1971, Amax Exploration Ltd. conducted geological and geochemical surveys west of Coranex ground resulting in the discovery of the WC chalcopyrite-magnetite skarn zone (North and South zones). Between 1971 and 1974 Amax defined two mineralized zones, approximately 500 metres east of the northeast corner of the Red property.

The area remained relatively unexplored until the mid-1980's when B.P.Selco and later, Cominco, performed regional programs. The properties eventually reverted back to the crown and were staked several times by various companies. Airborne and ground geophysical surveys, soil sampling, and trenching were performed, increasing knowledge of the area.

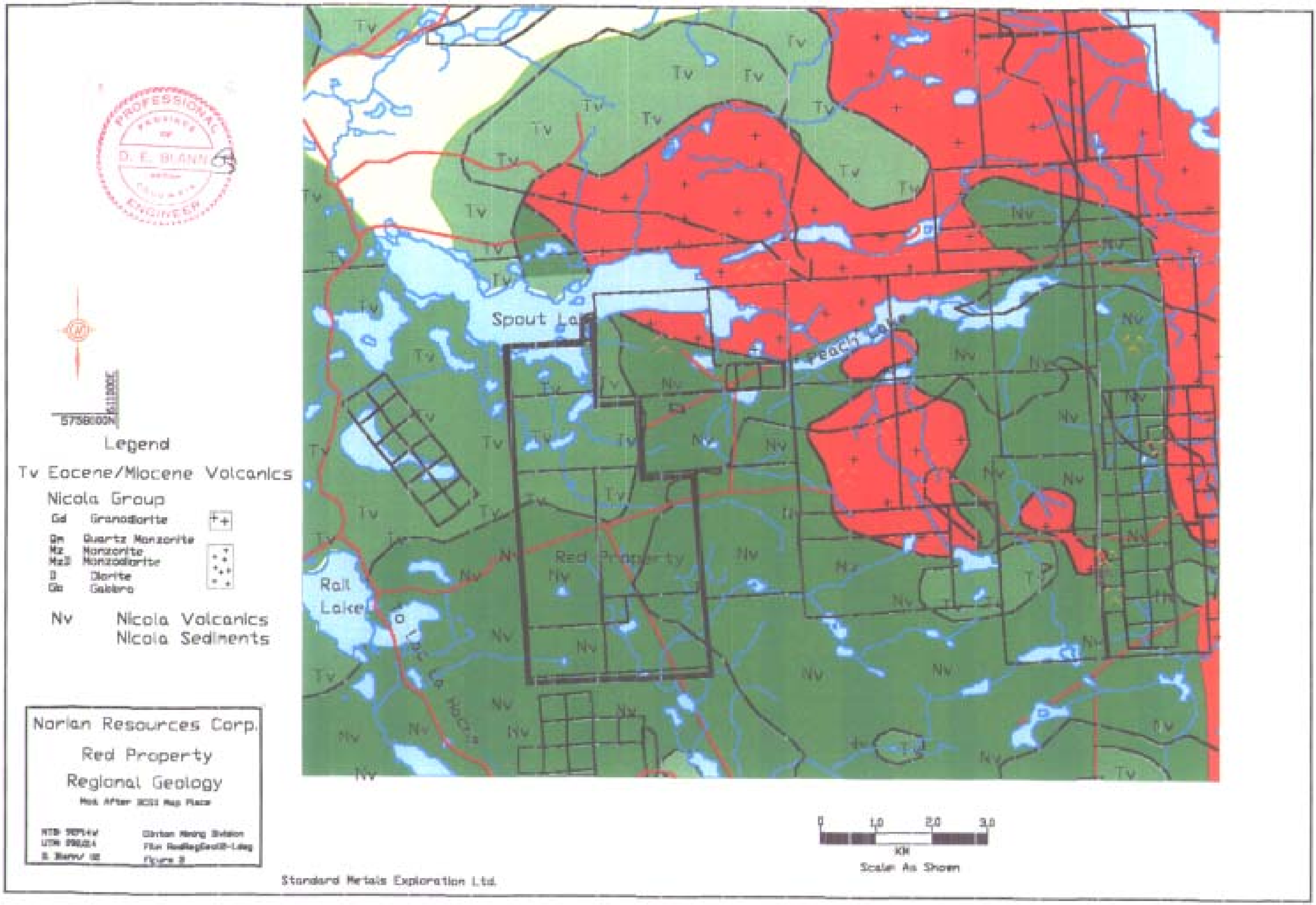
Subsequent drilling on the North zone produced a " drill indicated possible geological mineral reserve of 595,113.2 tonnes grading 1.79% copper, 0.12 g/t gold and 50.5% magnetite (Dunn, 1993). Further exploration in the area resulted in discoveries of porphyry copper-gold mineralization at the Miracle, Ophir and Peach Melba (Blann, 1994,1995).

The area of the Red claims were explored between 1988-1993 by airborne and ground geophysical surveys, soil, silt and rock geochemistry, trenching, and minor geological mapping (Seyward, 1989, White, 1989,1992, 1993, Blann, 1996).

A previous soil geochemical survey in the eastern portion of the Red property returned 25 samples containing greater than 40 ppb gold, and a further 18 containing 100-1930 ppb gold (White, 1989). PGE's were not analyzed for. In 1998, soil samples taken to the west returned values of up to 2619ppm copper and 156ppb gold, and suggests a broad area of greater than 10 ppb gold in soil remains open to the north and northwest portion of the Red property (Blann,1998). Diamond drilling of two short holes in 1998 returned pyrite, chalcopyrite, bornite, chalcocite and native copper in intense propylitic volcanic rocks in proximity with a monzonite dike (Blann, 1999).

7.0 Regional Geology

The Peach Lake area covers approximately 5 kilometres in width and 10 kilometres in length within the Quesnel Trough (Figure 3). The regional geology consists of north-northwest trending Upper Triassic-Jurassic Nicola group sediments, volcanic and high level intrusive rocks, a large centrally located monzonite stock and the Takomkane batholith. The edge of the Takomkane batholith occurs approximately 5 kilometres to the east of the property where it is up to 50 kilometres in width and estimated to be 193 million years old (Whiteaker, 1995). The Takomkane Batholith is in part



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5738000N
Legend
Tv Eocene/Miocene Volcanics
Nicola Group
Gd Granodiorite
Qm Quartz Monzonite
Mz Monzonite
MzD Monzodiorite
D Diorite
Gb Gabbro
Nv Nicola Volcanics
Nicola Sediments
Norian Resources Corp.
Red Property
Regional Geology
Spout Lake
Peach Lake
Rail Lake
Red Property
0 1.0 2.0 3.0
KM
Scale As Shown
Standard Metals Exploration Ltd.

comprised of granodiorite with monzonite, gabbro- pyroxinite, and locally more felsic phases. All of the rocks are locally crosscut and covered by Tertiary basalt and andesite.

West of the Takomkane Batholith, a doughnut shaped aeromagnetic high anomaly with dimensions of 15 kilometres north-south and 10 kilometres east-west is partially mapped and interpreted to be centered by a locally mineralized monzonite stock; this stock is in part covered by Miocene- Eocene volcanic rocks. Peripheral to the stock is a magnetic high anomaly related to mafic- intermediate intrusions cutting Nicola volcanic-sediments; these rocks are propylitic to potassic altered, and contain broad zones of 0.5 - 10% pyrite, hydrothermal magnetite, and trace to 1% chalcopyrite, locally bornite, molybdenite, and associated gold-silver values.

Upper Triassic-Jurassic Nicola volcanic rocks are fine to coarse-grained, augite-hornblende and feldspar porphyritic flow, crystal tuff, lithic tuff and breccia of basalt to andesite composition. Fine grained carbonate amygdule volcanic rocks, siltstone, argillite, limestone and debris flow occur south of Spout lake, on the eastern side of the Red property. Bedding orientation varies as folding and faulting is evident. Intrusive rocks include gabbro, diorite, monzonite, monzodiorite, and locally syenite, inferred to be marginal phases of the Takomkane granodiorite. Intrusions are variably biotite-pyroxine-hornblende-feldspar porphyritic, occur as stocks, sills or dikes, and display textural and compositional zoning and crosscutting relationships. Intrusion breccia may locally grade into intrusive and volcanic breccia, although relationships are not clear.

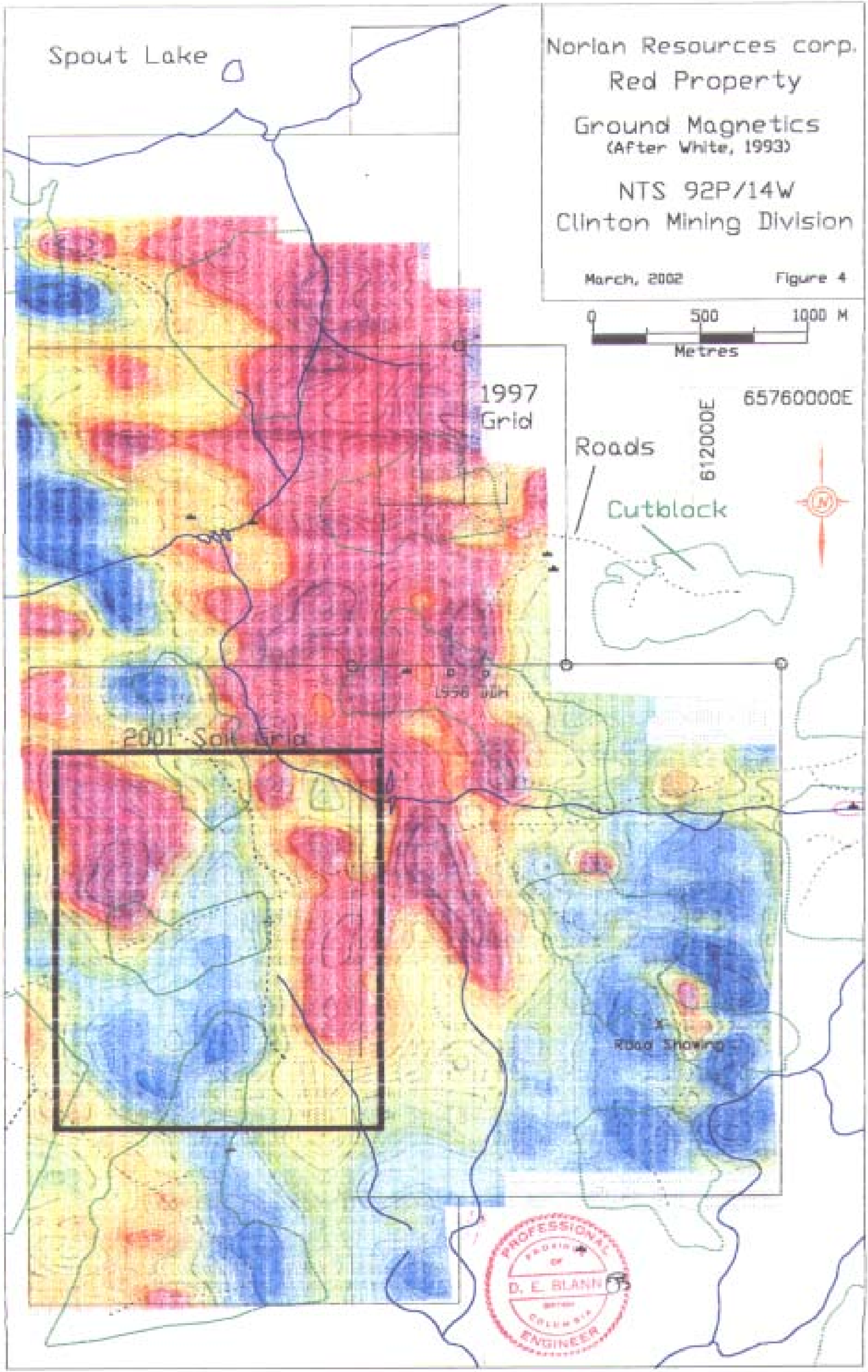
Carbonate amygdaloidal, vessicular and feldspar porphyritic basaltic-andesite of Tertiary age unconformably overlie and crosscut Triassic-Jurassic and Cretaceous rocks. These rocks are generally fresh to weakly chlorite-epidote altered and hematitic in the Peach Lake-Spout Lake area. Tertiary rocks occur generally to the west and south of the Red property.

Glaciation and erosion has smoothed what once was likely part of a large mountain range, and glacial-related deposits from 1-30 metres in thickness cover most of the area. In portions of the Quesnel Trough, Tertiary volcanic cover has in part protected copper-gold porphyry deposits from glaciation, and deposits may be partially exposed.

8.0 Property Geology

Outcrop on the Red property can be located in the east and northeast portion of the property (Figure 4). Trenches, roads, gravel pits and two drill holes suggest 2-30 metres of poor to well sorted glacial related deposits occur elsewhere.

Rocks in the southern and eastern portion of the Red 1 claim are comprised of hard-weathering, coarse clast heterolithic volcanic-intrusive breccia and conglomerate of andesite-monzodiorite composition. Fine grained volcanic-sedimentary rocks occur in the north portion of the Red 1 and southeast portion of the Red 2 claim; these rocks include argillite, siltstone, limestone, and fine to coarse volcanic breccia of andesitic to basaltic composition. Rocks to the north and east of the property are comprised of augite-hornblende porphyrytic basaltic andesite flow and breccia cut by


Norlan Resources corp.
Red Property
Ground Magnetics
(After White, 1993)
NTS 92P/14W
Clinton Mining Division
March, 2002
Figure 4
0
500
1000 M
Metres
Spout Lake
1997 Grid
65760000E
612000E
Roads
Cutblock
2001 Soil Grid
Road Showing
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D. E. BLANN

monzonite dikes. Volcanic breccia clast size, texture, composition and associated alteration vary spatially.

Reworked glacial and glacio-fluvial till deposits from between 2 and 30 metres likely occur in gentle terrain in the western portion of the property. Geological Survey of Canada data suggests the area was near the apex of the last major glacial period, and movement was locally determined. Outcrop to the east of the Red property suggests at least one ice direction is east-west through the Spout-Peach lake area.

9.0 Structure

Minimal outcrop, alteration and deformation limit structural information. The contact between fossiliferous limestone and adjacent volcanic sediments is northerly with a westerly dip. A coarse volcanic-intrusive breccia unit occurs from the southeast to northwest corner of the Red claims, following a topographic ridge. Intercalated volcanic-sedimentary units increase in abundance to the northwest. A northwest trending magnetic structure through the property may be part of the regionally mapped Timothy Creek Fault, and is parallel to chargeability and resistivity structures (Figure 5, Blann, 1998). VLF–EM surveys suggest northeast, northwest, and east trending structures occur (White, 1989).

10.0 Alteration and associated Mineralization

Volcanic and volcanic-sedimentary rocks on the Red property are deformed, weak to strongly fractured, and propylitic to locally potassic altered. Rocks from outcrop in the southern portion of the Red 1 claim contain structurally controlled zones of chlorite, epidote, calcite, sericite, clay, magnetite and hematite alteration with associated pyrite and chalcopyrite mineralization. Previous chip sampling on the Road zone returned 5 metres containing 0.25% copper and 5 metres containing 0.11% copper from propylitic altered intrusive and volcanic breccia within an area of less than 5 millisecond chargeability (White, 1989). Mineralization in this area is comprised of fine grained specular hematite, goethite, malachite, azurite, chalcopyrite, bornite and chalcocite within matrix and breccia clasts. The host is very weakly magnetic. Refer to Figure 4.

10.1 Rock Sample Results

In 2001, sample R01-DB-2 was taken to test for Platinum Group Elements in the Road zone.

Pyrite concentrations of up to 10% occur within hornfelsed volcanic-sediments and propylitic volcanic rocks near the axis of the high chargeability, approximately 400 metres north of the Road zone. In 2001, Sample R01-DB-01 was taken to test for Platinum Group Elements.

Rock Sample Results

ELEMENT-->	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au**	Pt**	Pd**
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppb	ppb
R01-DB-1	2	114	7	70	0.5	12	14	737	3.36	33	3	5	2
Avg R01-DB-2	3	5612	6	137	10.8	6	14	1812	3.66	4	10	<2	4

**Refer to Appendix A

11.0 2001 Geochemical Survey

Between October 1 and 4, 10.2 kilometres of hipchain and flag grid was constructed at 100 and 200 metre line spacing with hand-auger holes and samples taken at 100 metre intervals. A total of 115 samples were taken from the "C" horizon at a minimum depth of 0.3 metres and maximum depth of 1.1 metres. The general soil profile is comprised of an organic "A" horizon between 5-25 cm in thickness underlain by thin, poorly developed B followed by "C" horizon comprised of silty to sandy glacial till with 10-25% angular to sub-rounded pebble and some cobble sized fragments. Soil samples were placed in a Kraft paper bag, dried and shipped to Acme Analytical Laboratories, in Vancouver, British Columbia, and analyzed by CN leach and ICP-MS , LOI, and 30 element I.C.P. analysis and gold by aqua-regia digestion with AA finish (appendix A). The 2001 soil and rock sample descriptions, histograms and Log probability plots with estimated element values at 90%, 95%, and 99% were selected to represent anomalous concentrations in the population and are provided in Appendix B. Grid value plots of Loss on Ignition, ICP copper, ICP arsenic, ICP potassium (%), ICP-MS gold, Depth/Color, CN gold, CN copper, CN arsenic, CN K(ppm), CN Mo, CN Pd, are located in Appendix C.

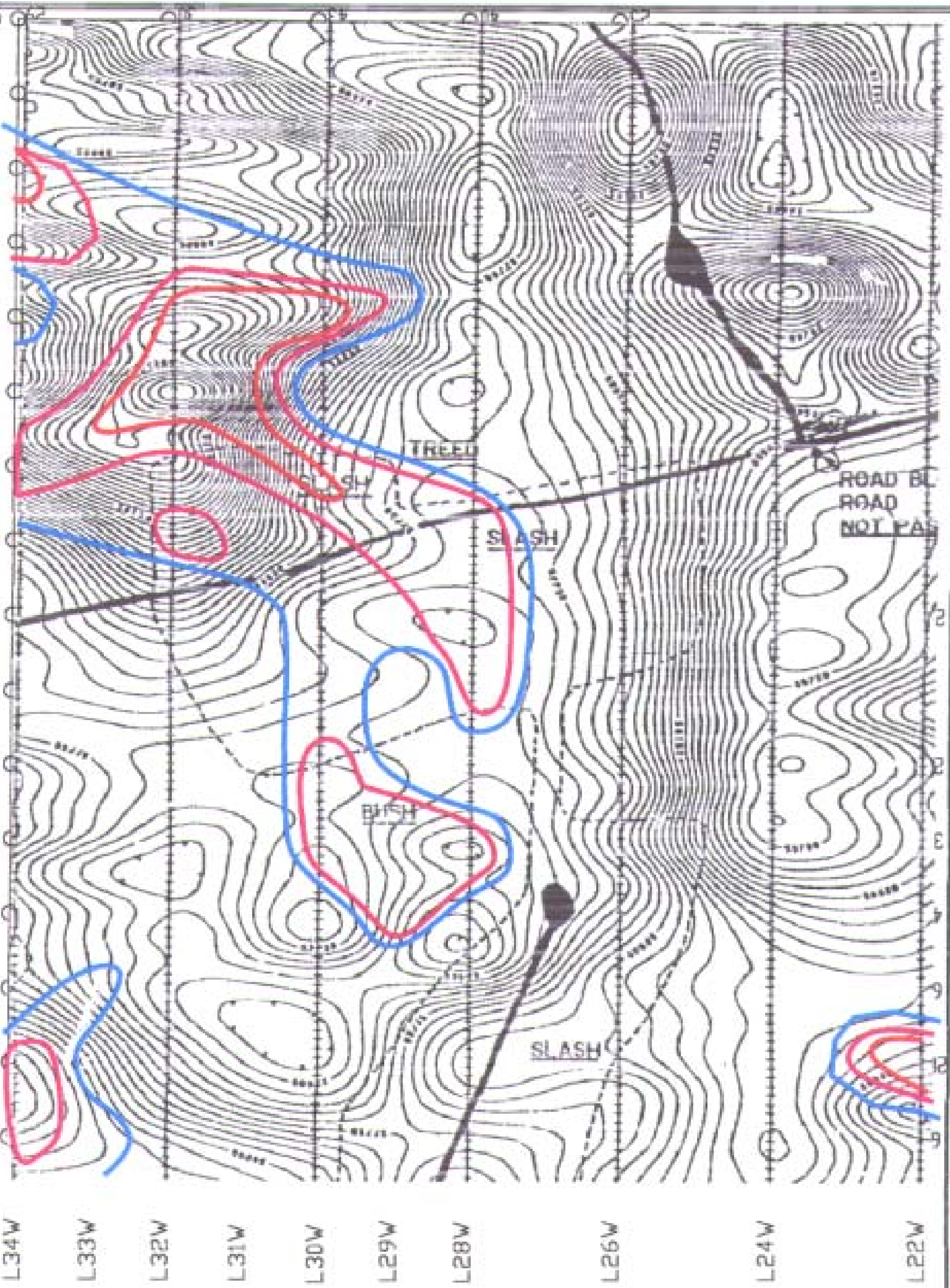
12.0 Geochemical Survey Results

Auger sampling in rocky till was difficult and time consuming. Maximum sample depth varied from 0.30 to 1.11 metres. In places, subcrop may have been approached where consistent brown, crumbly, weathered material was returned from holes and may suggest proximity to Miocene/Pliocene volcanic rocks. Elsewhere, heterogeneous silty to sandy grey till prevails. Grey till samples are locally oxidized, and contain orange-red coloration; an area of this colored soil/till is marked in Figure 23, Appendix C, and generally correlates with ICP copper, arsenic and gold anomalies. Loss on Ignition of samples averaged 4.9%, ranging from 1.5 to 9.6%. Areas of elevated Loss on Ignition occur dominantly in wet, low-lying areas marked by more organic material. The northeastern portion of the survey grid contained the greatest LOI values and may relate to swampy ground in the area.

In ICP data plots in Figures 5-8 there are two coincidental to overlapping copper, arsenic, gold and potassium anomalies. The main trend of the anomaly is northwest and is approximately 200 metres in width and 600 metres in length, with a second anomaly located to the south between lines 28 and 30 west, 1000 to 1200 south. Gold anomalies by CN leach also support the location of this multi element anomaly, Figure 9.

Molybdenum, palladium and potassium anomalies by CN leach occur in the northeast portion of the surveyed area (Figure 10) however, coincident LOI anomalies occur locally. The anomalous area trends northwest, is approximately 800 metres in length, and remains open to the east- northeast.

Other, smaller anomalies of copper, arsenic, gold, potassium, and molybdenum occur to the southwest and southeast.



Legend

○ Auger Soil Sample

(120,45) Cu(ppm), Au(ppb)

Soil/ Till Anomalies

Red	99%
Pink	95%
Blue	90%

0 50 100m150m

Scale: 1:5,000
Metres

Norian Resources Corp.

Red Property

ICP Cu (ppm) in Soil

Ground Magnetic Survey

(After White, 1993)

SCALE: 1:5,000	NTS: 93F14W	FILE: ICPMagCu
DATE: March/02	DRAWN: DB	FIGURE: 5

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PROVINCE OF BRITISH COLUMBIA
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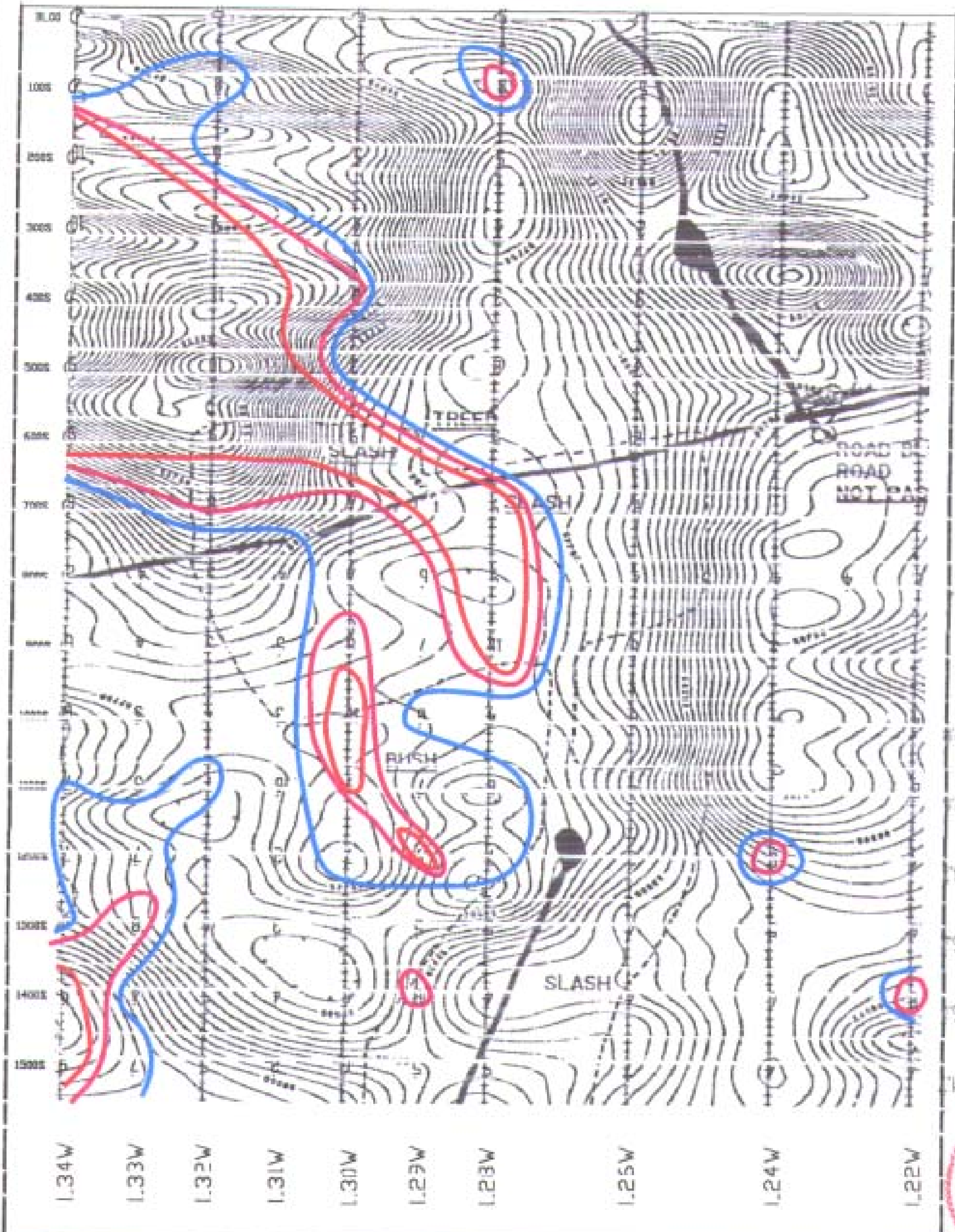


PROFESSIONAL ENGINEER
D. E. BLANN
BRITISH COLUMBIA

Legend

○ Auger Soil Sample

(120,45) Cu(ppm), Au(ppb)

Soil/ Till Anomalies

99%

95%

90%

0 50 100+150m

Scale 1/5,000 Metres

Norian Resources Corp.

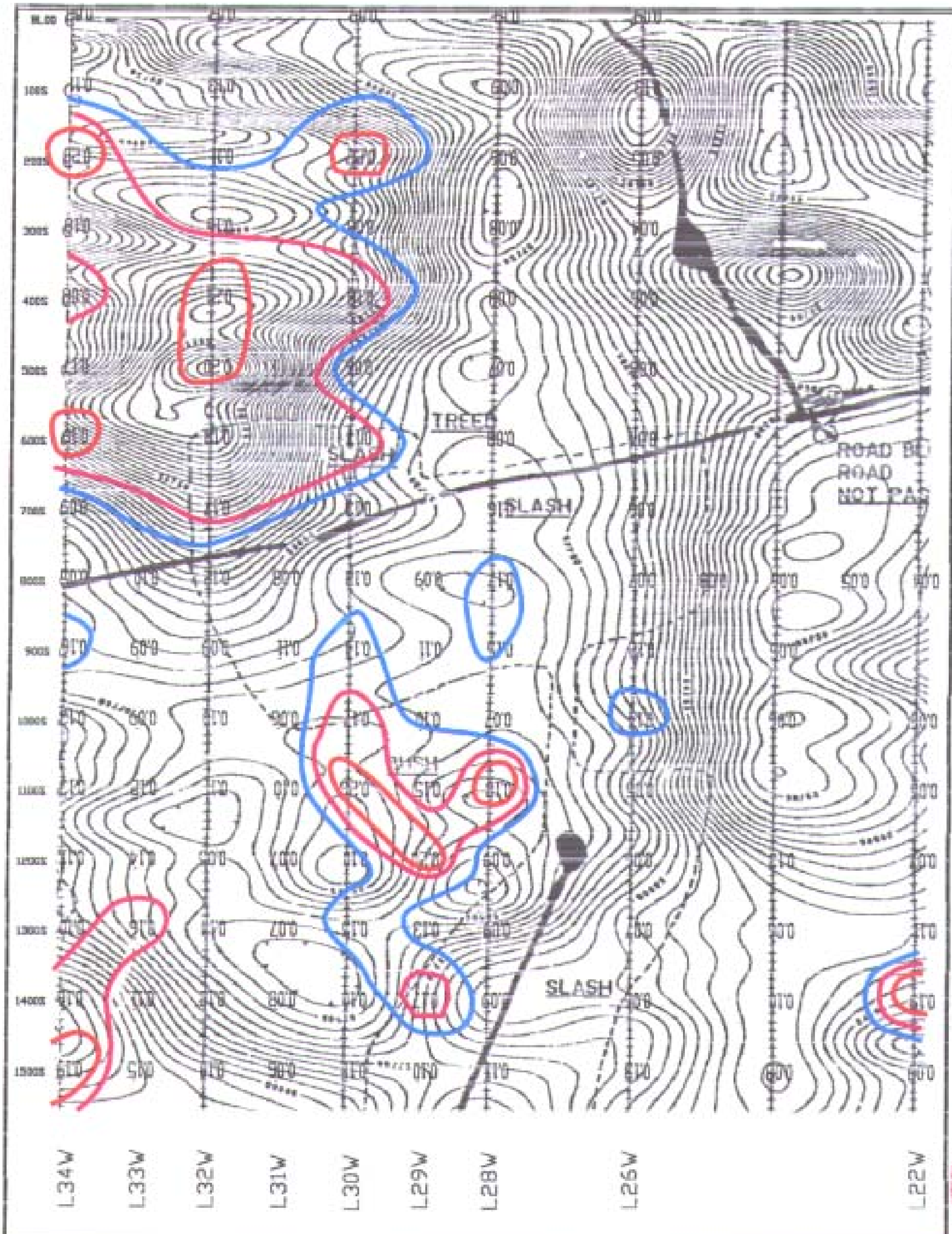
Red Property

As (ppm)

Ground Magnetic Survey

(After White, 1993)

SCALE: 1/5,000	NTS: 92P14W	FILE: ICPMagCu
DATE: March/02	DRAWN: DB	FIGURE: #6



Legend

O Auger Soil Sample

(120,45) Cu(ppm), Au(ppb)

Soil/ Till Anomalies

99%

95%

90%

0 50 100 150m

Scale: 1:5,000 Metres

Norian Resources Corp.

Red Property

ICP K (%)

Ground Magnetic Survey

(After White, 1992)

SCALE: 1:5,000	NTS: 92P14W	FILE: ICPMagCu
DATE: March/92	DRAWN: DB	FIGURE: 8 ?

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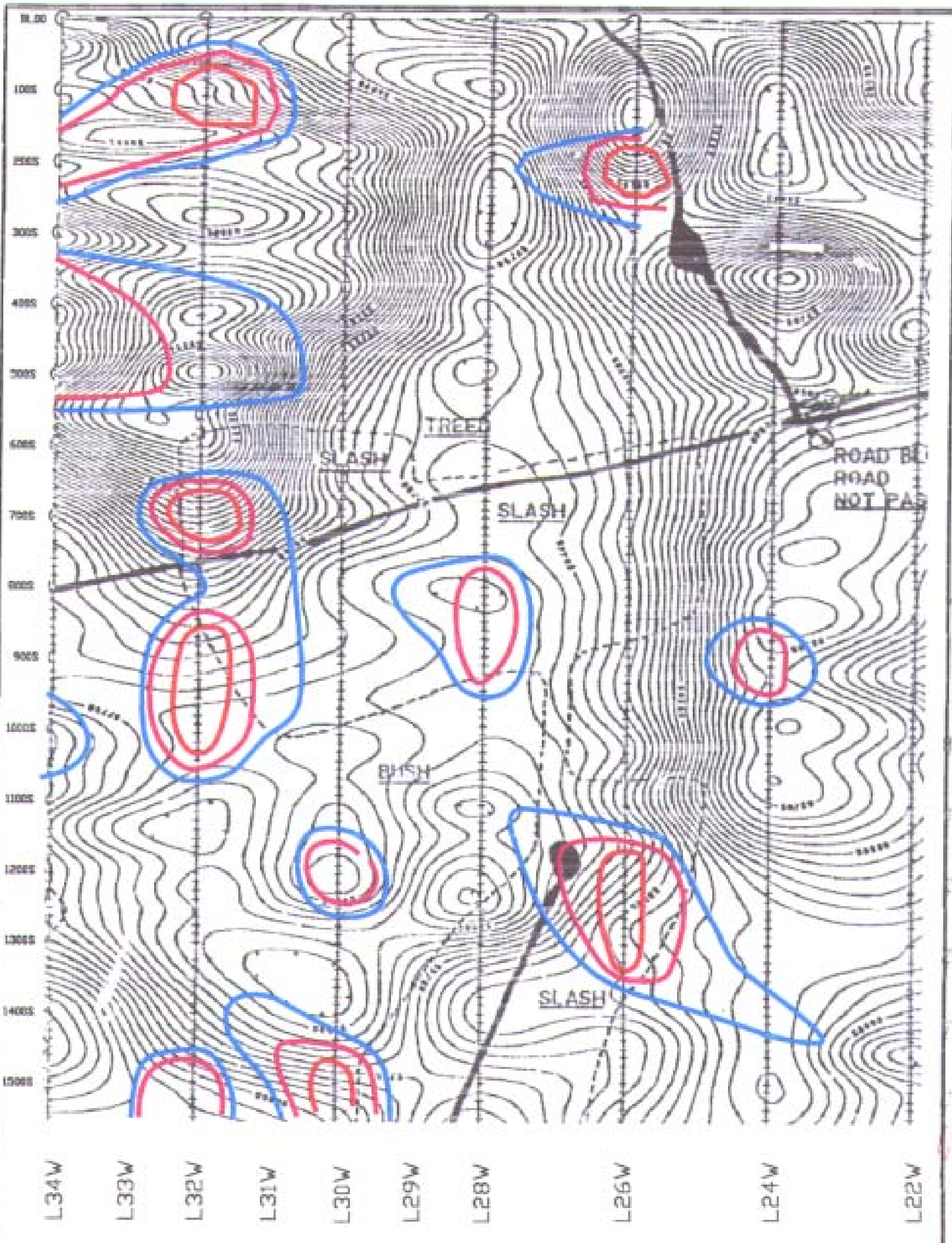

Legend

O	Auger Soil Sample	
(120,45)	Cu(ppm), Au(ppb)	

Soil/ Till Anomalies

- 99% (red)
- 95% (pink)
- 90% (blue)

0 50 100m150m

Scale: 1:5,000
Metres

Norian Resources Corp.

Red Property
Au (ppb) in Soil
Ground Magnetic Survey

(After White, 1993)

SCALE: 1:5,000	NTS: 92P14W	FILE: ICPMagCu
DATE: March/92	DRAWN: DB	FIGURE: 8.

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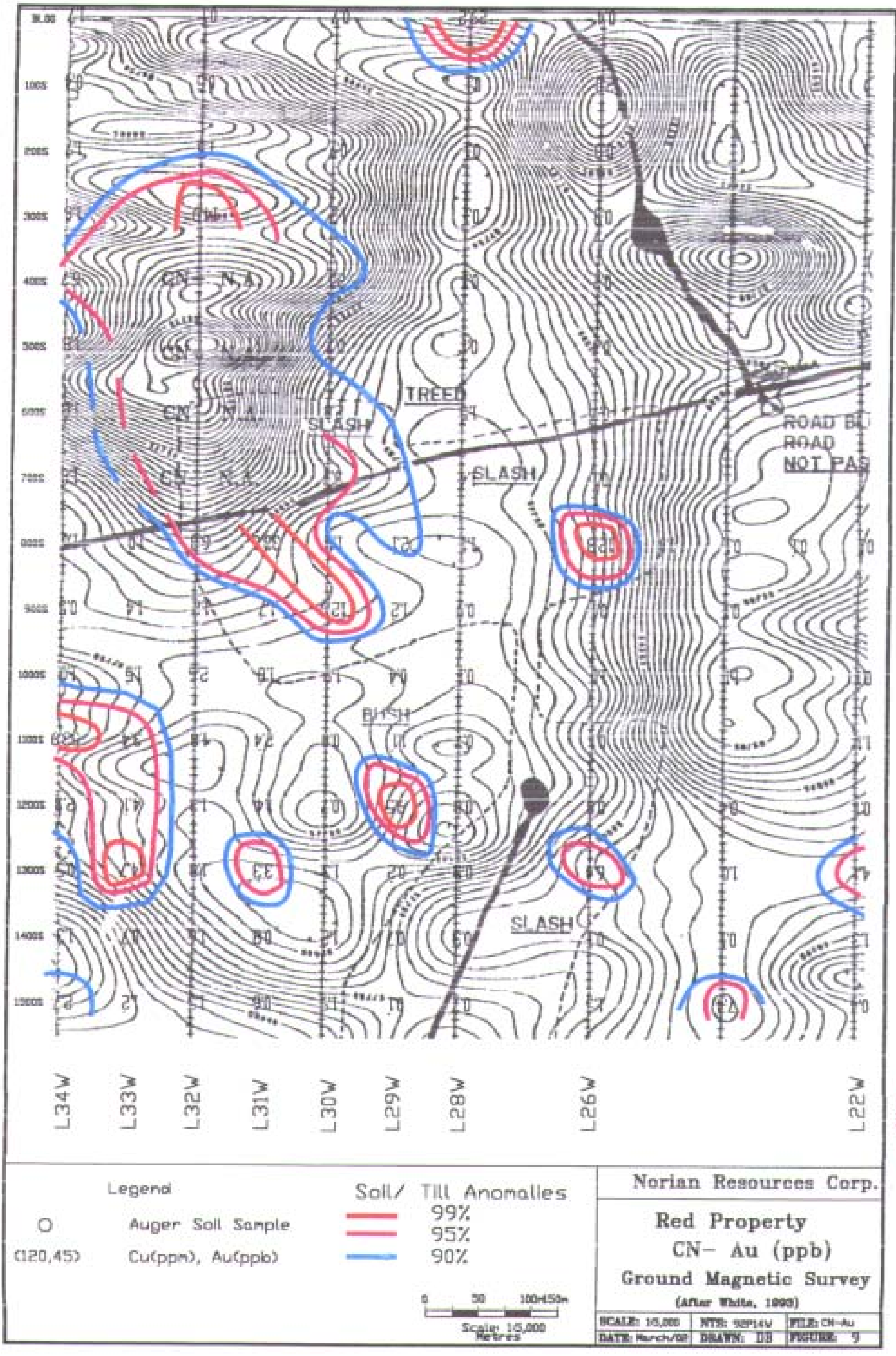
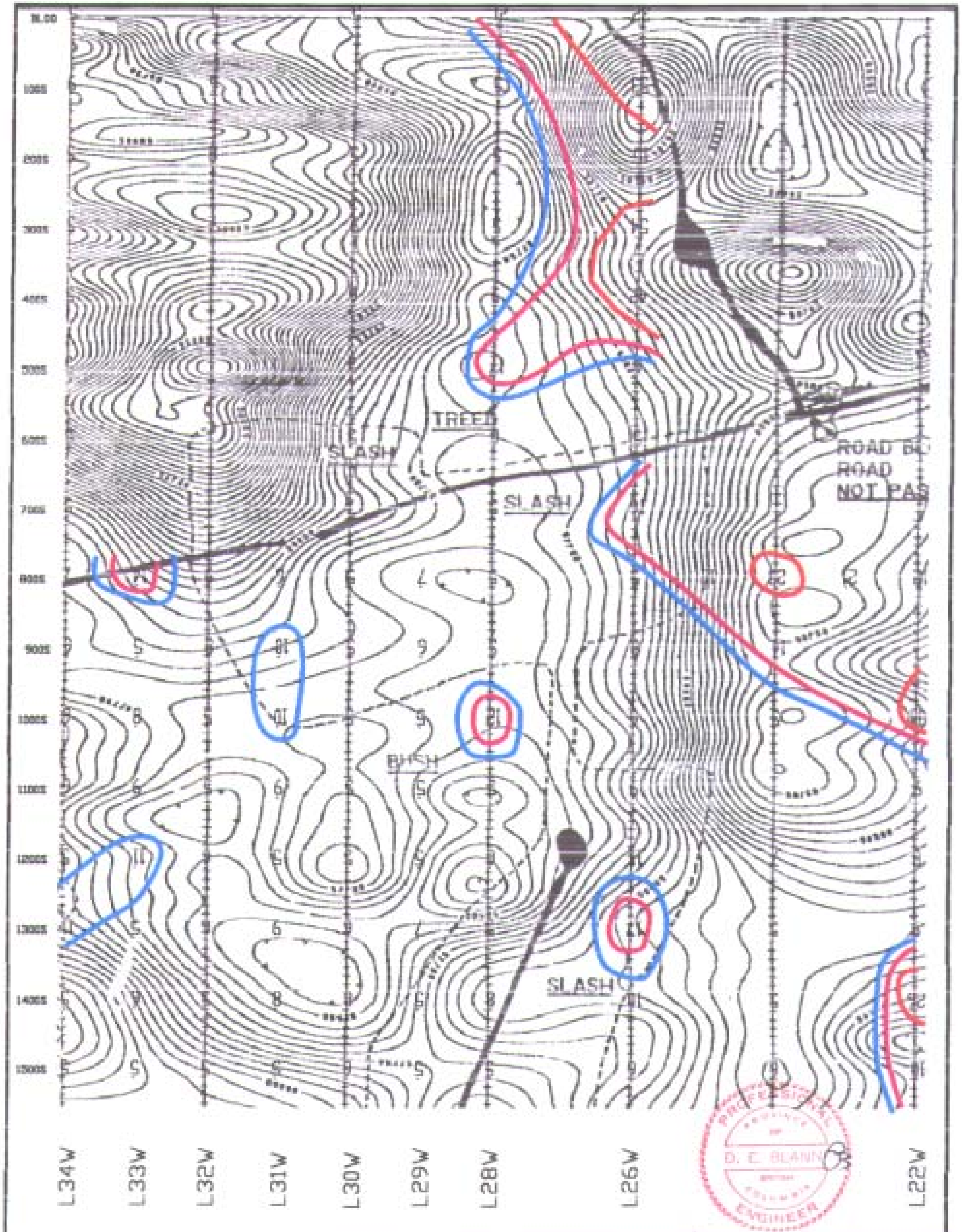


L34W
L33W
L32W
L31W
L30W
L29W
L28W
L26W
L22W
CN N.A.
TREED
SLASH
BUSH
ROAD BU
ROAD
NOT PAS
Legend
O Auger Soil Sample
(120,45) Cu(ppm), Au(ppb)
Soil/ Till Anomalies
99%
95%
90%
Norian Resources Corp.
Red Property
CN- Au (ppb)
Ground Magnetic Survey
(After White, 1990)
SCALE: 1:5,000
NTS: 92P14W
FILE: CN-Au
DATE: March/02
DRAWN: DB
FIGURE: 9
Scale 1:5,000
Metres



Legend

○ Auger Soil Sample

(120,45) Cu(ppm), Au(ppb)

Soil/ Till Anomalies

red	99%
red	95%
blue	90%

0 50 100 150m

Scale 1:5,000
Metres

Norian Resources Corp.

Red Property
CN- Mo (PPM)
Ground Magnetic Survey
(After White, 1993)

SCALE: 1:5,000	NTS: 92P14W	FILE: ICPMagCu
DATE: March/02	DRAWN: DB	FIGURE: 10

13.0 Discussion

The Red Property is underlain by rocks of the Nicola Group, a Triassic-Jurassic island arc sequence, cut and overlain by Tertiary-Miocene/Pliocene volcanics; these younger volcanic rocks likely protected portions of the underlying Nicola Group rocks from glacial abrasion. Drilling in 1998 intersected strong to intensely propylitic and oxidized volcanic rocks cut by a monzonite dike to the northeast of the 2001 survey. These rocks contain structurally controlled zones of sericite-carbonate-clay alteration with hematite, limonite, chalcocite and native copper. Approximately 2 kilometres to the east, rock samples of the Road showing taken in 2001returned up to 5,612 ppm copper, 10.8 ppm silver, 10 ppb gold, and 4 ppb palladium.

In the western portion of the Red property, an auger soil/till sampling program returned two largely coincident copper. arsenic. potassium, and gold anomalies approximately 200 metres in width and 600 metres in length, and approximately 150 metres in width, 300 metres in length, respectively. These anomalies occur in proximity to a magnetic anomaly, and remain open to the northwest, which may be in part down-ice spread from a source in the magnetic anomaly.

CN leach anomalies of molybdenum, palladium and potassium approximately 200 metres in width and 800 metres in length occur in the northeast portion of the survey, and are in part located within low, swampy ground. Although some concentration of metals may be expected within more organic material, these anomalies may be hydromorphically transported from bedrock mineralization nearby.

14.0 Conclusions

The Red property is located northeast of Lac La Hache in south central British Columbia. The area is underlain by Upper Triassic Lower Jurassic Nicola Group sedimentary, volcanic, and intrusive rocks of alkaline nature, and represents an island arc sequence. These rocks are cut and overlain in part by Tertiary-Miocene/Pliocene volcanic rocks. The area was affected by glaciation and glacial till. glaciofluvial and lacustrine deposits between 1 and 30 metres in thickness cover the area.

Till sampling in 2001 returned anomalous copper, arsenic, gold, and potassium concentrations in proximity to a magnetic anomaly. The main geochemical anomaly is approximately 200 metres in width and 600 metres in length. and trends northwest A second. smaller anomaly occurs to the south. CN leach gold values support the definition of this anomaly. CN leach molybdenum, palladium and potassium anomaly approximately 200 metres in width and 800 metres in length occur in the northeastern portion of the survey, and remain open to the east- northeast. Loss on Ignition is also locally anomalous in this area, and suggests at least some metal concentration within more organic material.

Coincident and overlapping geochemical and geophysical anomalies outlined by the 2001 till sampling program warrant further investigation to determine their source.

15.0 Recommendations

It is recommended for phase 1 that an induced polarization survey, additional line-cutting and till geochemistry be performed to cover and expand upon the 2001 and earlier surveys. An initial test pit on the main copper, arsenic, potassium and gold anomaly outlined by the current survey is warranted. Further trenching or drilling is recommended to test combined geochemistry, chargeability and magnetic anomalies.

16.0 Proposed Budget

Phase 1

Line cutting		15 kilometres	@	$400.00/km			$6,000.00
Geochemistry		10 kilometres	@	$400.00/km			$4,000.00
Induced Polarization Survey		15 kilometres	@	$1,500.00/km			$22,500.00
Support		100 p-days	@	$75/day			$7,500.00
Geological		15 days	@	$400.00/day			$6,000.00
						Subtotal	$46,000.00

Phase 2

Trenching		*500 metres*	@	$50/m			$25,000.00
						Total	$71,000.00

17.0 References

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18.0 Statement of Costs

Work done: 10.2 km of flag and hipchain grid, collect 115 auger soil samples, two rock samples

Period: August 1 to October 25 2001

		Days	$/Day	
Wages				
David Blann, P.Eng., Geol.		8	$450.00	$3,600.00
Neil Mcleod, geological technician		5.5	$225.00	$1,237.50
Transportation				
1/2 ton 4X4Truck	1000 km +	5.5	$115.91	$637.50
Accomodations +food		11	$50.00	$550.00
Field Support, supplies, equipment		13.5	$41.77	$563.94
Analytical Services				
	ICP	115		$1,333.86
	Group1TIL, LOI	117		$2,490.64
			Analysis, Report, *color reproductions*	$2,500.00
			TOTAL:	**$13,935.19**

PROFESSIONAL PROVINCE OF D. E. BLANN BRITISH COLUMBIA ENGINEER

19.0 Statement of Qualifications

I, David E. Blann, of Burnaby, B.C., do hereby certify:

1.) That I am a Professional Engineer registered in the Province of British Columbia.

2.) That I am a graduate in Geological Engineering from the University of Montana, Butte, Montana (1987).

3.) That I am a graduate in Mining Engineering Technology from the B.C. Institute of Technology (1984).

4.) That I have engaged in mineral exploration and development since 1984.

5.) The 2001 assessment work on the Red property was performed under my supervision.

Dated at Burnaby, B.C., March 15, 2002

David E. Blann, P.Eng.

APPENDIX A

Assay Certificates

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals PROJECT RED-01 File # A103564 Page 1

606 - 6595 Bonsor Ave, Burnaby BC V5H 4G5 Submitted by: D. Blann

SAMPLE#	Au ppb	Ag ppb	As ppb	Al ppm	Ba ppm	Bi ppb	Br ppm	Ca ppm	Cl ppm	Co ppb	Cr ppm	Cu ppm	Fe ppm	Hg ppb	I ppm	K ppm	La ppb	Mg ppm	Mn ppm	Mo ppb	Ni ppm	P ppm	Pb ppb	Pd ppb	Sb ppb	Se ppm	Sr ppm	Te ppb	Th ppb	Ti ppm	U ppb	V ppm	W ppb	Zn ppm	LOI %
L34W 0+00S	1.7	12	87	35	.14	<5	<5	<5	<10	8	<.05	.67	23	2	<1	10	<5	7	.1	5	.05	7	<10	<1	<5	<.05	.11	<5	<5	1	<5	.53	<10	.08	3.2
L34W 1+00S	.4	15	57	75	.22	<5	<5	<5	<10	54	<.05	.79	36	2	<1	10	9	10	.5	9	.10	25	<10	<1	<5	<.05	.10	<5	<5	1	<5	.31	<10	.20	4.3
L34W 2+00S	1.7	3	137	<10	.05	<5	<5	26	<10	4	<.05	1.72	<5	3	<1	<10	<5	<5	<.1	<5	.07	2	<10	<1	<5	<.05	.20	<5	<5	<1	<5	.55	<10	.06	4.5
L34W 3+00S	1.6	18	231	30	.14	<5	<5	31	<10	12	<.05	1.51	22	2	<1	10	<5	7	.1	5	.09	5	<10	<1	19	<.05	.18	<5	<5	1	<5	.73	<10	.23	5.6
L34W 4+50S	6.7	8	110	60	.23	<5	<5	<5	<10	14	<.05	.74	33	2	<1	10	7	9	.2	<5	.05	15	<10	<1	<5	<.05	.07	<5	<5	1	<5	.54	<10	.07	3.8
L34W 5+00S	1.8	6	166	50	.20	<5	<5	5	<10	13	<.05	1.18	28	2	<1	11	<5	8	.1	<5	.06	10	<10	<1	<5	<.05	.14	<5	<5	1	<5	.65	<10	.06	5.2
L34W 6+00S	1.8	8	162	28	.12	<5	<5	18	<10	12	<.05	1.40	15	3	<1	<10	<5	<5	.1	<5	.06	7	<10	<1	<5	<.05	.19	<5	<5	<1	<5	.75	<10	.07	5.7
L34W 7+00S	1.8	11	113	55	.17	<5	<5	<5	<10	10	<.05	.63	24	2	<1	<10	5	7	.1	<5	.03	18	<10	<1	<5	<.05	.10	<5	<5	1	<5	.56	<10	.04	3.5
L34W 8+00S	1.0	12	41	63	.20	<5	<5	<5	<10	16	<.05	.86	29	2	<1	<10	23	5	.4	7	.10	23	<10	<1	<5	<.05	.11	<5	<5	1	<5	.35	<10	.21	4.5
L34W 9+00S	.5	13	139	38	.22	<5	<5	20	<10	40	<.05	1.08	19	3	<1	11	<5	5	.3	6	.14	10	<10	<1	<5	<.05	.24	<5	<5	1	<5	.59	<10	.14	4.8
L34W 10+00S	1.0	14	140	66	.26	<5	<5	<5	<10	17	<.05	1.13	29	2	<1	12	8	7	.1	6	.09	12	<10	1	<5	<.05	.15	<5	<5	1	<5	.62	<10	.30	4.8
L34W 11+00S	53.9	29	134	56	.25	<5	<5	7	<10	23	<.05	1.28	29	2	<1	14	7	8	.3	6	.09	14	<10	1	<5	<.05	.18	<5	<5	1	<5	.70	<10	.20	5.6
L34W 12+00S	2.3	9	155	58	.16	<5	<5	<5	<10	20	<.05	.90	20	2	<1	12	<5	5	.2	<5	.04	17	<10	<1	<5	<.05	.13	<5	<5	1	<5	.57	<10	.11	3.5
L34W 13+00S	.5	25	101	121	.35	<5	<5	13	<10	23	.06	2.36	57	3	<1	11	80	10	.4	11	.15	33	11	1	<5	<.05	.16	<5	10	1	<5	.58	<10	.15	5.3
L34W 14+00S	1.3	11	148	<10	.08	<5	<5	66	<10	5	<.05	1.80	<5	3	<1	<10	<5	<5	<.1	<5	.11	3	<10	<1	<5	<.05	.39	<5	<5	<1	<5	.97	<10	.11	5.9
L34W 15+00S	2.7	16	277	31	.14	<5	<5	19	<10	12	<.05	1.81	22	2	<1	<10	<5	5	.1	5	.10	9	<10	<1	<5	<.05	.19	<5	<5	1	<5	.88	<10	.11	5.1
L33W 8+00S	1.0	23	104	134	.89	<5	<5	138	<10	31	.07	2.69	98	3	1	17	416	13	1.1	14	.26	50	28	3	6	<.05	.65	<5	20	2	10	.61	<10	.35	9.6
RE L33W 8+00S	.5	22	105	131	.86	<5	<5	132	<10	30	.17	2.64	94	4	1	16	405	12	1.0	14	.25	51	32	2	<5	<.05	.62	<5	19	2	9	.59	<10	.40	9.3
L33W 9+00S	1.4	7	81	59	.22	<5	<5	<5	<10	12	.07	.72	26	<2	<1	<10	6	7	.1	5	.06	13	<10	<1	<5	<.05	.08	<5	<5	1	<5	.48	<10	.16	3.2
L33W 10+00S	1.5	14	131	72	.22	<5	<5	<5	<10	92	<.05	1.22	29	2	<1	<10	11	5	1.2	8	.08	28	<10	1	<5	<.05	.08	<5	<5	1	<5	.88	<10	.50	4.6
L33W 11+00S	3.4	15	56	52	.22	<5	<5	31	<10	17	<.05	1.17	24	<2	<1	<10	7	5	.2	9	.08	12	<10	<1	<5	<.05	.22	<5	<5	1	<5	.44	<10	.18	4.3
L33W 12+00S	4.1	11	1102	96	.41	<5	<5	47	<10	31	.12	3.39	46	2	<1	17	36	10	.7	11	.12	33	10	2	16	<.05	.29	12	7	2	<5	.56	<10	.51	7.2
L33W 13+00S	14.7	11	139	36	.19	<5	<5	28	<10	13	<.05	1.33	20	2	<1	12	<5	5	.1	<5	.06	6	<10	1	5	<.05	.27	<5	<5	1	<5	.67	<10	.15	4.7
L33W 14+00S	.7	11	83	82	.29	<5	<5	<5	<10	18	<.05	.93	36	<2	<1	11	12	8	.2	6	.06	15	<10	<1	7	<.05	.11	<5	<5	1	<5	.53	<10	.12	4.3
L33W 15+00S	1.2	9	106	<10	.08	<5	<5	41	<10	16	<.05	1.97	<5	<2	<1	<10	<5	<5	.2	<5	.15	3	<10	<1	<5	<.05	.32	<5	<5	<1	<5	.75	<10	.41	4.7
L32W 0+00S	.1	17	187	<10	.06	<5	<5	125	<10	2	.09	1.12	<5	<2	<1	<10	<5	<5	<.1	<5	.09	1	<10	<1	<5	<.05	.45	<5	<5	<1	<5	.96	<10	.04	3.4
L32W 1+00S	.5	13	167	<10	.06	<5	<5	80	<10	5	.09	1.29	6	<2	<1	<10	<5	<5	<.1	6	.13	2	<10	<1	<5	<.05	.34	<5	<5	<1	<5	.85	<10	.07	4.8
L32W 2+00S	1.5	24	94	16	.11	<5	<5	55	<10	12	.09	2.05	19	<2	<1	<10	<5	5	.1	8	.18	4	12	<1	11	<.05	.28	<5	<5	1	5	.57	<10	.13	5.8
L32W 3+00S	14.9	20	276	46	.25	<5	<5	24	<10	19	.10	2.28	46	<2	<1	12	8	9	.2	7	.15	14	<10	1	5	.06	.15	<5	<5	1	<5	.96	<10	.13	6.7
L32W 8+00S	6.8	24	127	107	.43	<5	<5	35	<10	23	.10	2.29	50	<2	<1	12	60	9	.2	9	.13	27	<10	1	<5	<.05	.24	<5	10	1	<5	.58	<10	.16	5.3
L32W 9+00S	1.2	11	95	76	.32	<5	<5	14	<10	37	.10	1.40	32	<2	<1	13	13	8	.2	8	.09	14	<10	1	<5	<.05	.16	<5	5	1	<5	.62	<10	.10	4.3
STANDARD DS3/DOLOMITE	6.7	75	1847	375	1.39	56	<5	119	92	125	.28	15.40	177	51	4	48	144	25	22.6	669	.25	42	172	12	171	.39	.25	198	49	8	339	.67	264	2.05	45.5

1.0 GM SAMPLE CONTINUOUS ROLLING WITH .3% CYANIDE AND .1% NAOH FOR 1 HOUR. ANALYSED BY ICP-MS.
LOI - LOSS ON IGNITION.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 26/01 SIGNED BY. C.L. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL

Standard Metals PROJECT RED-01 FILE # A103564

ACME ANALYTICAL

SAMPLE#	Au ppb	Ag ppb	As ppb	Al ppm	Ba ppm	Bi ppb	Br ppm	Ce ppm	Cl ppm	Co ppb	Cr ppm	Cu ppm	Fe ppm	Hg ppb	I ppm	K ppm	La ppb	Mg ppm	Mn ppm	Mo ppb	Ni ppm	P ppm	Pb ppb	Pd ppb	Sb ppb	Se ppm	Sr ppm	Te ppb	Th ppb	Tl ppm	U ppb	V ppm	W ppb	Zn ppm	LOI %
L32W 10+00S	2.6	15	118	59	.20	<5	<5	23	<10	39	.10	1.38	24	2	<1	10	8	5	.4	<5	.10	14	<10	1	<5	<.05	.16	<5	<5	1	<5	.74	<10	.08	3.8
L32W 11+00S	1.8	9	202	73	.30	<5	<5	14	<10	22	.11	1.65	39	2	1	11	19	8	.2	5	.20	15	<10	1	5	<.05	.14	<5	<5	2	<5	.66	<10	.12	4.0
L32W 12+00S	1.3	17	73	103	.32	<5	<5	10	<10	28	.10	1.10	51	<2	<1	11	38	7	.3	6	.12	28	<10	<1	<5	<.05	.10	<5	6	2	<5	.64	<10	.12	3.2
L32W 13+00S	1.8	15	170	44	.18	<5	<5	28	<10	16	.07	1.30	23	<2	1	11	6	5	.2	6	.16	12	<10	1	<5	<.05	.22	<5	<5	1	<5	.74	<10	.14	5.1
L32W 14+00S	1.6	10	136	82	.24	<5	<5	11	<10	24	.08	1.14	35	<2	1	12	9	7	.3	5	.10	22	<10	1	<5	<.05	.11	<5	<5	1	<5	.69	<10	.11	3.7
L32W 15+00S	1.5	154	110	61	.21	<5	<5	16	<10	17	.08	1.34	28	<2	1	<10	9	6	.2	5	.11	15	<10	<1	7	<.05	.16	<5	<5	1	<5	.64	<10	.10	4.2
L31W 8+00S	33.6	20	135	67	.19	<5	<5	7	<10	20	.12	1.14	30	<2	<1	<10	8	6	.3	6	.07	20	<10	<1	<5	<.05	.08	<5	<5	1	<5	.81	<10	.10	3.0
L31W 9+00S	1.7	16	128	98	.42	<5	<5	49	<10	39	.14	1.75	59	<2	1	11	84	9	.3	10	.15	26	<10	1	<5	<.05	.28	<5	13	2	<5	.69	<10	.12	4.9
L31W 10+00S	1.8	11	173	118	.32	<5	<5	19	<10	80	.24	1.70	93	<2	1	<10	51	7	1.5	10	.10	67	13	1	<5	<.05	.11	<5	13	2	5	1.68	<10	.14	3.7
L31W 11+00S	2.4	8	133	56	.17	<5	<5	7	<10	27	.12	1.44	26	<2	1	11	6	5	.3	9	.08	15	<10	<1	<5	<.05	.13	<5	<5	1	<5	.75	<10	.11	4.6
L31W 12+00S	1.4	18	93	87	.41	<5	<5	25	<10	28	.15	.83	48	<2	<1	11	81	6	.2	5	.11	34	<10	1	<5	<.05	.22	<5	10	2	<5	.67	<10	.12	3.6
L31W 13+00S	3.3	20	155	180	.49	<5	<5	16	<10	31	.23	.85	78	<2	1	12	45	10	.6	9	.11	105	14	1	6	<.05	.18	<5	8	3	5	.55	<10	.30	4.3
L31W 14+00S	.8	16	109	66	.38	<5	<5	22	<10	23	.20	1.11	48	<2	1	11	32	8	.2	8	.13	29	<10	1	<5	<.05	.23	<5	5	2	<5	.68	<10	.19	7.3
L31W 15+00S	.6	13	49	55	.13	<5	<5	<5	<10	13	.10	.58	25	<2	<1	<10	6	<5	.1	<5	.05	19	<10	<1	<5	<.05	.05	<5	<5	1	<5	.42	<10	.10	2.7
L30W 0+00	.7	29	68	<10	.12	<5	<5	135	<10	<2	<.05	1.36	<5	<2	<1	12	<5	<5	<.1	<5	.12	1	<10	<1	<5	<.05	.52	<5	<5	<1	<5	.27	<10	.04	2.1
L30W 2+00S	.7	9	112	<10	.03	<5	<5	127	<10	2	<.05	.50	<5	<2	<1	<10	<5	<5	<.1	5	.11	1	<10	<1	<5	<.05	.52	<5	<5	<1	<5	.51	<10	.11	4.2
L30W 3+00S	1.2	15	74	48	.15	<5	<5	25	<10	14	.14	1.90	34	<2	1	<10	17	7	.2	9	.16	18	<10	<1	<5	<.05	.14	<5	5	1	6	.54	<10	.20	3.5
L30W 4+00S	2.1	9	198	25	.15	<5	<5	45	<10	17	.06	2.28	20	<2	1	<10	<5	6	.2	6	.13	4	<10	<1	<5	<.05	.27	<5	<5	1	<5	.77	<10	.09	4.9
L30W 5+00S	.7	7	86	54	.17	<5	<5	<5	<10	12	.08	.82	29	<2	<1	<10	5	7	.1	<5	.04	12	<10	<1	<5	<.05	.08	<5	<5	1	<5	.56	<10	.07	2.3
RE L30W 5+00S	9.0	8	87	52	.17	<5	<5	<5	<10	12	.08	.81	28	<2	<1	<10	6	6	.1	<5	.04	11	<10	<1	<5	<.05	.07	<5	<5	1	<5	.56	<10	.07	2.2
L30W 6+00S	2.8	16	241	<10	.06	<5	<5	53	<10	5	.06	3.47	<5	<2	1	<10	<5	<5	<.1	<5	.12	7	<10	<1	<5	<.05	.38	<5	<5	<1	<5	1.15	<10	.16	4.8
L30W 7+00S	5.7	10	143	72	.22	<5	<5	<5	<10	22	.07	1.47	32	<2	1	<10	11	7	.3	7	.06	18	<10	1	<5	<.05	.11	<5	<5	1	<5	.66	<10	.20	4.2
L30W 8+00S	1.1	12	141	53	.20	<5	<5	14	<10	18	<.05	1.72	28	<2	1	10	7	7	.2	5	.10	10	46	1	<5	<.05	.23	<5	<5	1	<5	.73	<10	.15	4.7
L30W 9+00S	12.9	9	157	<10	.06	<5	<5	45	<10	6	<.05	1.88	<5	2	<1	<10	<5	<5	<.1	<5	.07	3	<10	<1	7	<.05	.41	<5	<5	<1	<5	.91	<10	.10	4.3
L30W 10+00S	1.9	16	124	<10	.08	<5	<5	57	<10	11	<.05	2.10	<5	2	1	<10	<5	<5	.1	<5	.10	3	<10	<1	<5	<.05	.43	<5	<5	<1	<5	.84	<10	.11	4.8
L30W 11+00S	.8	10	126	<10	.09	<5	<5	105	<10	17	<.05	1.80	6	2	1	11	<5	<5	.1	<5	.16	3	<10	<1	<5	<.05	.63	<5	<5	<1	<5	.94	<10	.11	5.6
L30W 12+00S	.7	14	123	31	.21	<5	<5	9	<10	9	<.05	1.06	13	2	1	13	<5	<5	.1	<5	.08	8	<10	<1	<5	<.05	.29	<5	<5	1	<5	.57	<10	.17	4.3
L30W 13+00S	1.3	17	126	62	.15	<5	<5	<5	<10	18	.06	1.85	28	2	1	16	8	6	.2	6	.10	15	<10	1	8	<.05	.12	<5	<5	1	<5	.72	<10	.44	3.8
L30W 14+00S	1.2	16	165	68	.17	<5	<5	<5	<10	27	.06	1.57	31	2	1	12	12	5	.3	8	.12	25	<10	1	<5	<.05	.13	<5	<5	1	<5	.83	<10	.31	4.7
L30W 15+00S	1.9	15	155	45	.15	<5	<5	<5	<10	18	<.05	1.40	22	2	1	10	<5	<5	.2	6	.12	14	<10	<1	<5	<.05	.25	<5	<5	1	<5	.77	<10	.30	4.5
L29W 8+00S	2.1	19	141	78	.23	<5	<5	<5	<10	32	<.05	1.16	33	2	1	10	13	6	.3	7	.07	23	<10	<1	<5	<.05	.14	<5	<5	1	<5	.67	<10	.12	4.0
STANDARD DS3/DOLOMITE	6.9	79	1934	393	1.48	64	<5	110	103	134	.33	16.96	198	52	5	51	163	25	26.6	759	.30	42	193	13	194	.40	.30	170	55	10	355	.78	274	2.24	45.9

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

ACME ANALYTICAL

Standard Metals PROJECT RED-01 FILE # A103564

ACME ANALYTICAL

SAMPLE#	Au ppb	Ag ppb	As ppb	Al ppm	Ba ppm	Bi ppb	Br ppm	Ca ppm	Cl ppm	Co ppb	Cr ppm	Cu ppm	Fe ppm	Hg ppb	I ppm	K ppm	La ppb
L29W 9+00S	1.2	17	143	62	.13	<5	<5	9	11	31	.16	1.27	23	<2	1	<10	9
L29W 10+00S	.4	8	114	77	.21	<5	<5	<5	11	25	.13	1.00	26	<2	1	13	8
L29W 11+00S	1.1	17	127	48	.17	<5	<5	34	<10	15	.13	1.73	21	<2	1	12	5
L29W 12+00S	9.5	9	236	<10	.02	<5	<5	45	11	13	.09	2.31	<5	<2	1	<10	<5
L29W 13+00S	.2	12	148	58	.19	<5	<5	11	<10	18	.10	2.67	26	<2	1	10	10
L29W 14+00S	.7	20	181	62	.18	<5	<5	17	<10	21	.10	1.85	26	<2	1	11	10
L29W 15+00S	.1	9	84	49	.13	<5	<5	<5	<10	12	.08	1.07	16	<2	1	<10	5
L28W 0+00	29.2	41	153	363	.53	<5	<5	6	17	35	<.05	.62	68	<2	1	16	61
L28W 1+00S	<.1	4	72	<10	<.01	<5	<5	82	<10	2	<.05	1.26	<5	<2	<1	<10	<5
L28W 2+00S	<.1	13	35	<10	.01	<5	<5	7	<10	<2	<.05	1.67	<5	<2	<1	<10	<5
L28W 3+00S	<.1	5	49	25	.07	<5	<5	18	<10	5	<.05	.41	<5	<2	<1	<10	<5
L28W 4+00S	<.1	48	135	337	.18	<5	<5	<5	<10	27	.06	.56	31	2	2	21	23
L28W 5+00S	<.1	11	84	282	.33	<5	<5	10	<10	27	<.05	.22	51	<2	1	21	17
L28W 6+00S	1.5	15	76	66	.13	<5	<5	8	<10	13	<.05	1.09	25	<2	1	<10	9
L28W 7+00S	1.4	14	175	48	.12	<5	<5	15	<10	16	<.05	2.06	20	<2	1	<10	<5
L28W 8+00S	1.1	14	110	<10	.03	<5	<5	56	<10	10	<.05	2.15	<5	2	<1	<10	<5
L28W 9+00S	.9	12	172	<10	.03	<5	<5	67	<10	11	<.05	2.03	<5	<2	<1	<10	<5
L28W 10+00S	<.1	31	101	123	.35	<5	<5	46	<10	34	<.05	.74	59	<2	1	13	45
RE L28W 10+00S	.9	28	102	121	.35	<5	<5	46	<10	33	.13	.73	59	<2	1	13	45
L28W 11+00S	.7	10	127	<10	.05	<5	<5	75	<10	11	<.05	1.82	<5	2	<1	<10	<5
L28W 12+00S	.8	12	112	56	.10	<5	<5	17	<10	19	<.05	1.00	14	<2	1	<10	6
L28W 13+00S	.3	23	91	91	.26	<5	<5	11	<10	15	<.05	.91	18	<2	1	13	29
L28W 14+00S	.3	10	85	80	.09	<5	<5	<5	<10	12	<.05	.98	20	<2	1	13	18
L28W 15+00S	.7	15	120	53	.15	<5	<5	9	<10	15	<.05	1.26	20	2	1	<10	9
L26W 0+00	.4	34	161	416	.62	<5	<5	44	<10	55	<.05	.76	152	3	2	16	40
L26W 1+00S	2.0	32	125	45	.49	<5	<5	193	<10	25	.07	15.07	61	6	2	34	26
L26W 2+00S	.8	20	184	449	.44	<5	<5	5	<10	23	<.05	.45	66	2	2	<10	27
L26W 3+00S	.3	33	110	462	3.34	<5	<5	102	<10	98	.13	1.01	273	5	2	14	68
L26W 4+00S	.2	46	131	552	1.78	<5	<5	34	<10	126	.07	.95	259	5	2	20	39
L26W 5+00S	.4	12	71	199	.18	<5	<5	<5	<10	23	<.05	.32	26	<2	1	20	15
L26W 6+00S	.7	7	29	30	.12	<5	<5	23	<10	10	<.05	.29	8	<2	<1	<10	<5
STANDARD DS3/DOLOMITE	7.4	75	1781	417	1.68	71	<5	130	83	143	.35	15.91	219	49	4	53	158

SAMPLE#	Mg ppm	Mn ppm	Mo ppb	Ni ppm	P ppm	Pb ppb	Pd ppb	Sb ppb	Se ppm	Sr ppm	Te ppb	Th ppb	Tl ppm	U ppb	V ppm	W ppb	Zn ppm	LOI %
L29W 9+00S	<5	.2	6	.08	22	<10	<1	<5	<.05	.15	<5	<5	1	<5	.61	<10	.10	4.9
L29W 10+00S	5	.2	5	.06	18	<10	<1	<5	<.05	.12	<5	<5	1	<5	.54	<10	.08	3.6
L29W 11+00S	5	.3	5	.07	9	<10	1	<5	<.05	.32	<5	<5	1	<5	.60	<10	.09	4.6
L29W 12+00S	<5	.2	<5	.18	4	<10	<1	<5	<.05	.24	<5	<5	<1	<5	1.03	<10	.13	5.7
L29W 13+00S	6	.3	7	.19	15	<10	1	<5	<.05	.21	<5	<5	1	<5	.77	<10	.11	5.6
L29W 14+00S	6	.2	5	.09	13	<10	<1	<5	<.05	.25	<5	<5	1	<5	.67	<10	.16	5.4
L29W 15+00S	<5	.1	<5	.09	10	14	<1	<5	<.05	.17	<5	<5	1	<5	.50	<10	.10	3.6
L28W 0+00	<5	.8	21	.06	196	14	1	<5	<.05	.11	<5	8	2	6	.38	<10	.25	5.3
L28W 1+00S	<5	<.1	<5	.04	1	<10	<1	<5	<.05	.32	<5	<5	<1	<5	.17	<10	.04	1.5
L28W 2+00S	<5	<.1	<5	.06	<1	<10	<1	<5	<.05	.28	<5	<5	<1	<5	.16	<10	.05	5.1
L28W 3+00S	<5	<.1	<5	.03	10	<10	<1	<5	<.05	.22	<5	<5	<1	<5	.28	<10	.04	3.1
L28W 4+00S	<5	.4	9	.05	186	<10	1	<5	<.05	.03	<5	6	1	8	.41	<10	.09	4.2
L28W 5+00S	<5	1.3	17	.08	191	<10	1	12	<.05	.07	<5	8	2	<5	.43	<10	.21	4.5
L28W 6+00S	6	.2	6	.06	16	<10	<1	<5	<.05	.09	<5	<5	1	<5	.40	<10	.09	3.1
L28W 7+00S	5	.2	5	.08	11	<10	<1	<5	<.05	.16	<5	<5	1	<5	.66	<10	.07	4.9
L28W 8+00S	<5	.1	<5	.08	2	<10	<1	<5	<.05	.38	<5	<5	<1	<5	.56	<10	.06	4.8
L28W 9+00S	<5	.1	<5	.08	2	<10	<1	<5	<.05	.36	<5	<5	<1	<5	.76	<10	.08	4.9
L28W 10+00S	5	.5	12	.07	68	10	1	<5	<.05	.28	<5	7	2	<5	.35	<10	.20	4.2
RE L28W 10+00S	5	.4	12	.07	68	12	<1	<5	<.05	.27	<5	7	2	<5	.35	<10	.21	4.2
L28W 11+00S	<5	.1	<5	.09	1	<10	<1	<5	<.05	.43	<5	<5	<1	<5	.68	<10	.13	4.4
L28W 12+00S	<5	.2	6	.04	17	<10	<1	<5	<.05	.17	<5	<5	1	<5	.50	<10	.09	4.3
L28W 13+00S	<5	.2	5	.06	21	<10	1	<5	<.05	.19	<5	<5	1	<5	.38	<10	.10	4.2
L28W 14+00S	<5	.7	8	.06	30	<10	<1	<5	<.05	.07	<5	<5	1	<5	.53	<10	.11	3.5
L28W 15+00S	<5	.2	<5	.09	14	<10	1	<5	<.05	.17	<5	<5	1	<5	.62	<10	.10	4.3
L26W 0+00	5	4.1	32	.12	263	26	3	<5	<.05	.22	<5	19	4	10	.44	<10	.49	8.1
L26W 1+00S	9	1.9	53	.55	39	14	1	<5	<.05	.70	<5	6	1	18	.54	<10	1.61	15.5
L26W 2+00S	<5	1.8	15	.04	287	21	2	<5	<.05	.05	<5	9	2	7	.35	<10	.28	5.2
L26W 3+00S	7	6.0	54	.22	261	75	4	<5	<.05	.53	<5	28	8	11	.40	<10	1.19	12.3
L26W 4+00S	5	16.5	42	.15	476	88	5	<5	<.05	.17	<5	25	7	11	.41	<10	2.22	10.9
L26W 5+00S	<5	.2	6	.05	108	<10	1	<5	<.05	.05	<5	<5	1	<5	.25	<10	.05	2.8
L26W 6+00S	<5	<.1	<5	.02	10	<10	<1	<5	<.05	.27	<5	<5	<1	<5	.21	<10	.04	1.4
STANDARD DS3/DOLOMITE	31	24.9	669	.32	42	202	3	178	.36	.33	167	56	13	335	.75	247	2.29	46.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Standard Metals PROJECT RED-01 FILE # A103564

SAMPLE#	Au ppb	Ag ppb	As ppb	Al ppm	Ba ppm	Bi ppb	Br ppm	Ca ppm	Cl ppm	Co ppb	Cr ppm	Cu ppm	Fe ppm	Hg ppb	I ppm	K ppm	La ppb	Mg ppm	Mn ppm	Mo ppb	Ni ppm	P ppm	Pb ppb	Pd ppb	Sb ppb	Se ppm	Sr ppm	Te ppb	Th ppb	Ti ppm	U ppb	V ppm	W ppb	Zn ppm	LOI %
L26W 7+00S	.1	37	85	199	.56	<5	<5	49	<10	44	.23	1.15	95	2	1	18	92	14	1.4	16	.16	62	21	1	<5	<.05	.30	<5	12	4	5	.54	<10	.42	6.5
L26W 8+00S	12.8	9	57	51	.24	<5	<5	22	<10	20	.21	.68	27	<2	<1	10	6	8	.2	5	.06	10	<10	<1	<5	<.05	.19	<5	<5	1	<5	.45	<10	.11	2.7
L26W 9+00S	<.1	26	139	85	.33	<5	<5	23	<10	19	.16	1.37	38	2	<1	15	17	11	.3	8	.08	17	<10	1	<5	<.05	.22	<5	5	2	<5	.66	<10	.24	4.7
L26W 10+00S	1.0	37	109	75	.38	<5	<5	31	<10	21	.15	1.43	31	<2	<1	17	7	10	.3	6	.10	10	<10	<1	<5	<.05	.28	<5	<5	2	<5	.57	<10	.09	4.2
L26W 11+00S	<.1	9	99	139	.43	<5	<5	19	<10	31	.14	.59	60	<2	<1	13	19	11	.5	9	.07	52	36	<1	<5	<.05	.18	<5	6	2	<5	.44	<10	.16	3.3
L26W 12+00S	.8	34	92	165	.60	<5	<5	51	<10	23	.28	2.07	67	<2	1	14	137	10	.7	11	.13	63	10	1	<5	<.05	.35	<5	10	2	6	.42	<10	.20	4.8
L26W 13+00S	6.4	26	136	262	.92	<5	<5	78	<10	44	.23	1.24	97	2	1	13	181	9	1.4	17	.14	144	19	2	<5	<.05	.59	<5	14	3	7	.51	<10	.28	7.2
L26W 14+00S	<.1	20	123	155	.49	<5	<5	15	<10	34	.20	.45	47	<2	1	<10	16	7	.3	10	.05	48	11	<1	<5	<.05	.12	<5	6	2	<5	.55	<10	.16	4.1
L26W 15+00S	1.5	20	151	55	.19	<5	<5	27	<10	15	.10	1.69	27	<2	<1	<10	6	7	.2	6	.12	13	<10	<1	<5	<.05	.23	<5	<5	1	<5	.75	<10	.13	5.4
RE L26W 15+00S	<.1	18	146	56	.20	<5	<5	29	<10	16	<.05	1.77	28	<2	<1	<10	6	7	.2	6	.12	13	<10	<1	<5	<.05	.25	<5	<5	1	<5	.76	<10	.10	5.2
25+00W 8+00S	1.0	23	83	114	.37	<5	<5	20	<10	33	.09	1.71	64	<2	<1	<10	47	7	.2	12	.11	19	12	2	<5	<.05	.11	<5	9	2	<5	.58	<10	.14	4.8
L24W 8+00S	<.1	10	152	440	.30	<5	<5	8	<10	30	.21	.55	71	4	1	14	43	<5	2.8	23	.09	163	16	2	<5	<.05	.02	<5	12	2	8	.40	<10	.38	7.9
L24W 9+00S	<.1	17	173	411	.30	<5	<5	13	<10	32	.19	.76	58	3	2	<10	43	<5	.7	14	.07	205	11	2	<5	<.05	.06	<5	10	2	7	.60	<10	.17	5.3
L24W 10+00S	1.1	8	65	28	.12	<5	<5	55	<10	4	<.05	.53	<5	<2	<1	<10	<5	<5	<.1	<5	.02	5	<10	<1	<5	<.05	.48	<5	<5	<1	<5	.29	<10	.03	2.4
L24W 12+00S	.4	9	157	71	.18	<5	<5	29	<10	71	<.05	1.38	31	<2	<1	12	6	9	.3	7	.08	15	<10	1	<5	<.05	.15	<5	<5	1	<5	.64	<10	.10	4.3
L24W 13+00S	1.0	12	100	83	.17	<5	<5	21	<10	15	<.05	.80	29	<2	<1	10	16	8	.2	5	.05	20	<10	<1	<5	<.05	.10	<5	<5	1	<5	.55	<10	.08	3.2
L24W 14+00S	<.1	13	85	76	.18	<5	<5	27	<10	15	<.05	.75	21	<2	<1	13	6	5	.2	<5	.04	22	<10	<1	<5	<.05	.19	<5	<5	1	<5	.32	<10	.05	3.4
L24W 15+00S	7.4	17	86	84	.15	<5	<5	24	<10	16	<.05	.75	29	<2	<1	12	19	6	.2	6	.04	30	<10	<1	<5	<.05	.14	<5	<5	1	<5	.54	<10	.08	3.6
23+00W 8+00S	<.1	7	250	233	.54	<5	<5	26	<10	66	.19	.91	161	<2	<1	11	22	19	1.1	21	.16	75	20	2	<5	<.05	.12	<5	12	4	5	2.25	<10	.23	4.7
L22W 8+00S	.1	11	49	86	.34	<5	<5	35	<10	30	<.05	.45	52	<2	<1	<10	14	6	.4	12	.05	45	37	<1	<5	<.05	.12	<5	<5	2	<5	.29	<10	.21	3.5
L22W 10+00S	<.1	15	183	458	.33	<5	<5	27	<10	49	.08	.47	167	4	1	13	29	<5	1.6	34	.09	272	25	3	<5	<.05	.06	<5	12	3	9	.65	<10	.21	8.0
L22W 11+00S	1.1	13	47	121	.19	<5	<5	29	<10	21	<.05	.65	37	<2	<1	12	26	7	.4	9	.06	47	<10	<1	<5	<.05	.09	<5	<5	1	<5	.35	<10	.16	3.6
L22W 12+00S	<.1	9	76	117	.36	<5	<5	31	<10	21	<.05	.71	49	<2	<1	15	23	11	.3	8	.08	31	<10	1	<5	<.05	.14	<5	<5	2	<5	.46	<10	.12	3.6
L22W 13+00S	4.1	12	142	103	.42	<5	<5	43	<10	28	<.05	1.08	57	<2	<1	21	15	12	.4	9	.12	19	<10	1	<5	<.05	.23	<5	<5	3	<5	.76	<10	.15	4.9
L22W 14+00S	1.3	78	121	188	.67	<5	<5	88	<10	78	.06	20.84	118	7	2	31	84	29	2.9	26	.38	31	<10	5	<5	.06	.45	<5	19	4	31	.77	<10	.27	20.0
L22W 15+00S	.4	27	171	309	.45	<5	<5	27	<10	27	<.05	1.66	55	2	1	26	37	10	.4	10	.06	90	<10	1	<5	<.05	.10	<5	5	2	5	.54	<10	.12	4.4
STANDARD DS3/DOLOMITE	6.4	71	1798	412	1.39	63	<5	126	90	122	.38	15.48	210	48	2	57	140	33	23.3	625	.30	45	195	14	173	.36	.30	168	51	11	338	.77	238	2.04	45.5

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals PROJECT RED 01 File # A103564R Page 1

606 - 6595 Bonsor Ave, Burnaby BC V5H 4G5 Submitted by: D. Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
G-1	1	2	<3	37	<.3	6	3	495	1.63	<2	<8	<2	5	58	<.5	<3	<3	36	.49	.094	7	15	.51	196	.10	<3	.80	.05	.44	2	<.2
L34W 0+00S	<1	29	3	23	<.3	10	6	286	1.88	4	<8	<2	2	47	<.5	<3	<3	73	.70	.073	7	31	.47	43	.12	<3	.98	.02	.08	<2	7.4
L34W 1+00S	1	37	4	60	<.3	23	15	558	3.43	4	<8	<2	<2	43	<.5	<3	<3	115	.64	.087	7	58	.83	74	.14	3	1.46	.02	.11	<2	3.1
L34W 2+00S	<1	118	5	48	<.3	23	13	713	3.64	10	<8	<2	2	54	<.5	<3	<3	111	.81	.128	10	49	.80	112	.12	<3	1.98	.03	.20	<2	14.3
L34W 3+00S	<1	103	4	41	<.3	22	13	552	3.70	10	<8	<2	2	55	<.5	<3	<3	114	.84	.128	9	56	.82	94	.13	<3	1.92	.02	.18	<2	8.2
L34W 4+50S	<1	46	4	28	<.3	13	8	397	2.22	7	<8	<2	2	46	<.5	<3	<3	81	.64	.126	8	24	.49	62	.11	<3	1.17	.02	.08	<2	18.2
L34W 5+00S	<1	93	5	42	<.3	20	12	531	3.59	9	<8	<2	2	49	<.5	<3	<3	111	.67	.130	9	39	.73	107	.12	<3	1.90	.02	.17	<2	16.2
L34W 6+00S	<1	111	4	45	<.3	19	13	550	3.61	9	<8	<2	2	52	<.5	<3	<3	116	.72	.133	9	41	.80	109	.12	<3	2.03	.02	.19	<2	7.9
L34W 7+00S	<1	46	3	25	<.3	12	7	297	2.07	6	<8	<2	<2	39	<.5	<3	<3	72	.55	.116	7	25	.46	65	.09	<3	1.18	.02	.09	<2	5.4
L34W 8+00S	<1	29	4	29	<.3	11	5	311	1.54	2	<8	<2	<2	44	<.5	<3	<3	57	.53	.049	6	24	.36	64	.12	<3	1.13	.01	.05	<2	6.9
L34W 9+00S	1	59	7	47	<.3	32	12	500	3.14	6	<8	<2	3	48	<.5	<3	<3	85	.56	.127	13	50	.78	134	.14	<3	1.72	.02	.16	<2	3.8
L34W 10+00S	1	59	6	41	<.3	27	11	388	2.97	6	<8	<2	3	44	<.5	<3	<3	87	.54	.107	11	43	.64	115	.13	<3	1.72	.02	.13	<2	15.9
L34W 11+00S	<1	77	5	42	<.3	18	13	579	3.02	7	<8	<2	2	52	<.5	<3	<3	99	.63	.121	9	31	.65	101	.11	<3	1.64	.02	.13	<2	8.8
L34W 12+00S	<1	64	4	35	<.3	15	12	533	2.86	7	<8	<2	2	53	<.5	<3	<3	103	.66	.122	9	28	.56	81	.12	<3	1.51	.02	.11	<2	11.1
L34W 13+00S	<1	59	4	36	<.3	15	9	444	2.30	4	<8	<2	<2	48	<.5	<3	<3	76	.56	.085	11	29	.49	82	.12	<3	1.47	.02	.10	<2	3.8
L34W 14+00S	<1	105	6	52	<.3	23	14	647	3.83	9	<8	<2	2	63	<.5	<3	<3	118	.80	.152	12	39	.84	124	.11	<3	1.91	.03	.16	<2	6.6
L34W 15+00S	<1	102	5	46	<.3	20	12	501	3.70	9	<8	<2	2	55	<.5	<3	<3	110	.78	.135	10	46	.79	103	.12	<3	1.85	.03	.19	<2	8.9
L33W 8+00S	<1	59	4	30	<.3	13	7	330	1.84	4	<8	<2	<2	51	<.5	<3	<3	57	.62	.109	13	24	.47	84	.09	<3	1.37	.02	.10	<2	8.3
RE L34W 8+00S	<1	29	4	29	<.3	11	5	312	1.60	5	<8	<2	<2	45	<.5	<3	<3	59	.53	.051	7	25	.38	66	.12	<3	1.15	.02	.06	<2	6.8
L33W 9+00S	<1	44	4	31	<.3	13	7	330	1.96	4	<8	<2	<2	42	<.5	<3	<3	72	.55	.082	7	25	.46	75	.12	3	1.25	.01	.09	<2	4.6
L33W 10+00S	<1	48	5	40	<.3	18	10	459	2.24	5	<8	<2	2	45	<.5	<3	<3	80	.55	.082	8	31	.51	92	.13	<3	1.43	.02	.09	<2	7.3
L33W 11+00S	<1	51	3	35	<.3	14	9	415	2.55	3	<8	<2	<2	41	<.5	<3	<3	84	.61	.081	6	28	.67	69	.13	<3	1.26	.01	.12	<2	7.2
L33W 12+00S	1	79	4	41	<.3	19	13	614	3.07	7	<8	<2	2	51	<.5	<3	<3	104	.62	.122	10	31	.62	89	.11	<3	1.44	.02	.14	<2	8.4
L33W 13+00S	<1	89	5	42	<.3	21	13	589	3.37	8	<8	<2	2	56	<.5	<3	<3	111	.73	.127	10	40	.73	108	.13	<3	1.68	.02	.16	<2	6.6
L33W 14+00S	<1	47	4	30	<.3	14	8	357	2.17	4	<8	<2	2	46	<.5	<3	<3	77	.60	.082	7	27	.47	77	.12	<3	1.32	.02	.11	<2	8.9
L33W 15+00S	<1	94	4	44	<.3	19	13	590	3.03	7	<8	<2	2	61	<.5	<3	<3	100	.77	.122	9	32	.69	103	.12	<3	1.49	.03	.15	<2	17.9
L32W 0+00S	<1	30	3	21	<.3	11	6	240	2.59	6	<8	<2	<2	38	<.5	<3	<3	85	.60	.091	8	28	.46	63	.06	<3	.75	.02	.07	<2	3.4
L32W 1+00S	<1	56	4	35	<.3	19	11	428	3.31	8	<8	<2	2	60	<.5	<3	<3	108	.87	.131	9	46	.74	77	.11	<3	1.32	.03	.13	<2	50.1
L32W 2+00S	<1	43	4	34	<.3	15	10	448	2.73	6	<8	<2	2	53	<.5	<3	<3	89	.86	.113	9	37	.63	76	.11	3	1.24	.03	.11	<2	6.0
L32W 3+00S	<1	88	5	43	<.3	21	12	439	4.11	9	<8	<2	2	53	<.5	<3	<3	114	.74	.136	10	51	.73	110	.12	<3	1.85	.02	.15	<2	6.9
L32W 8+00S	<1	66	4	33	<.3	15	8	350	2.28	5	<8	<2	<2	49	<.5	<3	<3	78	.58	.084	8	29	.57	87	.12	<3	1.56	.02	.12	<2	9.1
L32W 9+00S	<1	59	4	28	<.3	13	8	293	2.15	5	<8	<2	2	39	<.5	<3	<3	69	.51	.102	7	27	.49	83	.10	<3	1.39	.02	.09	<2	25.9
STANDARD DS3	10	126	36	153	.3	36	11	818	3.14	31	<8	<2	4	27	5.7	6	5	75	.54	.097	18	189	.61	150	.08	<3	1.77	.03	.16	4	20.5

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL PULP AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 1 2001 DATE REPORT MAILED: Nov 9/01 SIGNED BY..........D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data FA

ACME ANALYTICAL

Standard Metals PROJECT RED-01 FILE # A103564R

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
G-1	1	1	<3	35	<.3	5	3	457	1.57	<2	<8	<2	4	54	<.5	<3	<3	31	.44	.083	6	13	.47	199	.09	<3	.70	.05	.42	2	<.2
L32W 10+00S	<1	51	4	30	<.3	14	8	322	2.16	4	<8	<2	2	42	<.5	<3	<3	70	.48	.084	9	28	.45	85	.11	<3	1.27	.02	.10	<2	27.8
L32W 11+00S	1	51	12	39	<.3	41	11	378	2.93	7	<8	<2	5	36	<.5	<3	<3	75	.38	.109	14	44	.69	134	.12	<3	1.42	.01	.11	<2	2.3
L32W 12+00S	<1	28	4	28	<.3	15	6	236	1.76	2	<8	<2	<2	30	<.5	<3	<3	59	.35	.049	6	23	.29	61	.11	<3	1.04	.01	.05	<2	3.8
L32W 13+00S	<1	63	6	38	<.3	28	11	444	2.92	6	<8	<2	2	47	<.5	<3	<3	81	.52	.105	11	43	.63	118	.13	<3	1.52	.02	.14	<2	4.8
L32W 14+00S	<1	62	4	30	<.3	20	10	415	2.53	5	<8	<2	2	47	<.5	<3	<3	80	.56	.106	9	30	.53	91	.12	<3	1.49	.02	.12	<2	7.6
L32W 15+00S	<1	66	4	33	<.3	18	9	358	2.53	5	<8	<2	2	49	<.5	<3	<3	78	.54	.094	8	30	.52	95	.12	<3	1.50	.02	.10	<2	4.1
L31W 8+00S	<1	43	3	26	<.3	11	7	338	1.77	4	<8	<2	<2	44	<.5	<3	<3	65	.54	.080	6	22	.42	60	.11	<3	1.16	.02	.08	<2	11.8
L31W 9+00S	<1	65	4	32	<.3	15	9	327	2.34	5	<8	<2	2	49	<.5	<3	<3	77	.57	.089	8	27	.53	85	.12	<3	1.51	.02	.11	<2	11.6
L31W 10+00S	<1	31	3	25	<.3	10	6	261	1.81	3	<8	<2	<2	36	<.5	<3	<3	65	.45	.075	6	20	.35	47	.10	<3	1.03	.01	.06	<2	2.6
L31W 11+00S	<1	73	4	30	<.3	16	9	418	2.59	6	<8	<2	2	46	<.5	<3	<3	86	.53	.090	8	31	.50	83	.12	<3	1.45	.02	.10	<2	9.0
L31W 12+00S	<1	33	3	29	<.3	16	7	240	1.75	2	<8	<2	<2	40	<.5	<3	<3	62	.46	.052	6	24	.36	66	.12	<3	1.16	.01	.07	<2	3.8
L31W 13+00S	<1	34	4	43	<.3	22	9	310	2.48	3	<8	<2	<2	40	<.5	<3	<3	74	.42	.082	7	29	.37	83	.12	<3	1.38	.02	.07	<2	2.9
L31W 14+00S	<1	43	5	33	<.3	27	9	308	2.50	4	<8	<2	2	44	<.5	<3	<3	78	.47	.092	9	35	.52	98	.14	<3	1.32	.01	.08	<2	11.4
L31W 15+00S	<1	26	5	40	<.3	17	6	193	1.47	2	<8	<2	<2	39	<.5	<3	<3	50	.44	.027	6	23	.35	60	.15	<3	1.26	.01	.06	<2	3.5
L30W 0+00	<1	43	4	33	<.3	28	10	410	2.14	5	<8	<2	2	48	<.5	<3	<3	63	.66	.110	11	33	.49	117	.09	<3	.87	.03	.09	<2	3.1
L30W 2+00S	<1	42	<3	46	<.3	19	15	635	3.47	5	<8	<2	2	39	<.5	<3	<3	104	.73	.108	6	26	.97	111	.18	<3	1.21	.02	.22	<2	2.4
L30W 3+00S	<1	34	3	28	<.3	11	7	340	2.03	4	<8	<2	<2	48	<.5	<3	<3	74	.70	.107	7	29	.42	47	.11	<3	.92	.02	.08	<2	9.2
L30W 4+00S	<1	114	5	44	<.3	22	14	623	3.50	8	<8	<2	2	60	<.5	<3	<3	109	.80	.118	10	38	.78	113	.14	<3	1.74	.03	.18	<2	8.5
L30W 5+00S	<1	34	3	27	<.3	13	6	241	1.96	3	<8	<2	<2	34	<.5	<3	<3	75	.47	.054	5	27	.39	48	.11	<3	.96	.01	.06	<2	9.5
RE L30W 5+00S	<1	34	3	26	<.3	12	6	235	1.97	3	<8	<2	<2	30	<.5	<3	<3	70	.43	.052	5	26	.38	47	.10	<3	.92	.01	.06	<2	8.8
L30W 6+00S	<1	141	4	45	<.3	18	12	504	3.57	9	<8	<2	2	63	<.5	<3	<3	110	.77	.130	9	35	.74	110	.12	<3	1.74	.03	.17	<2	9.2
L30W 7+00S	<1	79	4	33	<.3	16	12	496	2.62	7	<8	<2	2	51	<.5	<3	<3	92	.62	.110	7	25	.58	90	.12	3	1.53	.02	.13	<2	6.1
L30W 8+00S	<1	90	4	43	<.3	19	12	524	3.24	7	<8	<2	2	53	<.5	<3	<3	109	.64	.106	9	34	.70	99	.13	<3	1.72	.02	.12	<2	6.3
L30W 9+00S	<1	106	4	45	<.3	21	14	619	3.63	8	<8	<2	2	62	<.5	<3	<3	119	.75	.131	10	33	.84	105	.13	<3	1.68	.03	.14	<2	7.5
L30W 10+00S	<1	101	5	38	<.3	17	14	495	3.66	10	<8	<2	2	50	<.5	<3	<3	125	.75	.163	9	28	.85	100	.16	<3	1.74	.02	.17	<2	6.9
L30W 11+00S	<1	99	4	49	<.3	16	14	653	3.83	9	<8	<2	2	56	<.5	<3	<3	127	.72	.161	11	28	1.03	114	.17	<3	1.80	.02	.26	<2	7.7
L30W 12+00S	1	54	13	45	<.3	30	11	472	3.24	7	<8	<2	2	47	<.5	<3	<3	94	.55	.130	14	43	.63	151	.12	<3	1.46	.02	.10	<2	32.0
L30W 13+00S	<1	80	4	39	<.3	18	10	422	2.51	5	<8	<2	<2	41	<.5	<3	<3	86	.58	.092	7	34	.59	77	.12	<3	1.45	.02	.15	<2	6.8
L30W 14+00S	<1	66	5	36	<.3	22	10	408	2.70	6	<8	<2	2	41	<.5	<3	<3	85	.53	.104	9	37	.56	91	.13	<3	1.46	.01	.10	<2	5.5
L30W 15+00S	<1	76	6	48	<.3	24	12	463	3.05	6	<8	<2	2	51	<.5	<3	<3	95	.56	.101	10	38	.61	108	.13	<3	1.57	.02	.11	<2	28.2
L29W 8+00S	<1	62	4	32	<.3	16	10	421	2.53	6	<8	<2	2	41	<.5	<3	<3	92	.55	.094	7	30	.55	73	.11	<3	1.39	.01	.09	<2	13.0
STANDARD DS3	9	128	35	149	.3	35	12	779	3.11	29	<8	<2	4	26	5.7	5	5	74	.51	.089	18	187	.57	147	.08	<3	1.65	.03	.16	4	19.9

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Standard Metals PROJECT RED 01 FILE # A103564R

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
G-1	1	2	<3	39	<.3	6	4	505	1.72	<2	<8	<2	4	62	<.5	<3	<3	36	.45	.096	7	14	.53	213	.11	<3	.79	.05	.47	2	<.2
L29W 9+00S	<1	76	5	39	<.3	15	11	495	2.78	7	<8	<2	2	47	<.5	<3	<3	92	.53	.117	8	27	.60	92	.09	<3	1.51	.02	.11	3	8.0
L29W 10+00S	<1	67	3	29	<.3	14	9	354	2.44	6	<8	<2	2	40	<.5	<3	<3	81	.47	.104	7	25	.52	87	.10	<3	1.42	.01	.10	<2	8.9
L29W 11+00S	<1	101	3	41	<.3	15	11	473	3.29	7	<8	<2	2	46	<.5	<3	<3	113	.59	.131	8	29	.74	90	.13	<3	1.44	.02	.15	<2	6.3
L29W 12+00S	<1	117	4	51	<.3	20	14	635	3.59	9	<8	<2	2	56	<.5	<3	<3	110	.83	.132	9	47	.86	94	.11	<3	1.63	.03	.20	<2	9.2
L29W 13+00S	<1	82	5	40	<.3	20	11	442	2.93	5	<8	<2	2	52	<.5	<3	<3	93	.56	.105	10	31	.61	101	.11	<3	1.58	.02	.13	<2	9.0
L29W 14+00S	<1	94	4	38	<.3	19	11	432	3.10	8	<8	<2	2	54	<.5	<3	<3	101	.61	.109	10	41	.71	91	.12	<3	1.66	.02	.17	<2	6.4
L29W 15+00S	<1	51	4	35	<.3	29	10	382	2.94	5	<8	<2	2	43	<.5	<3	<3	86	.49	.123	11	37	.59	106	.13	<3	1.43	.01	.10	<2	5.4
L28W 0+00	1	40	4	63	<.3	26	14	381	4.16	5	<8	<2	<2	29	<.5	<3	<3	158	.36	.128	4	45	.60	105	.10	<3	1.52	.01	.10	<2	2.4
L28W 1+00S	1	64	4	32	<.3	36	14	525	4.41	8	<8	<2	2	34	<.5	<3	<3	155	.56	.117	9	48	.74	42	.07	<3	.64	.01	.09	<2	4.9
L28W 2+00S	<1	47	3	27	<.3	22	9	395	2.27	5	<8	<2	2	83	<.5	<3	<3	74	3.23	.119	9	29	.50	101	.09	<3	.67	.03	.06	<2	9.7
L28W 3+00S	<1	28	4	31	<.3	21	9	294	2.56	4	<8	<2	2	31	<.5	<3	<3	83	.42	.101	12	40	.40	80	.12	<3	1.01	.01	.08	<2	4.7
L28W 4+00S	1	24	5	47	<.3	26	9	227	2.40	3	<8	<2	2	26	<.5	<3	<3	76	.30	.146	6	34	.38	90	.08	<3	1.37	.01	.08	<2	3.7
L28W 5+00S	1	18	4	37	<.3	21	8	294	2.16	2	<8	<2	2	22	<.5	<3	<3	64	.30	.127	6	31	.33	75	.09	<3	1.07	.01	.07	<2	12.0
L28W 6+00S	<1	42	3	29	<.3	13	7	347	2.01	5	<8	<2	<2	38	<.5	<3	<3	74	.58	.101	7	28	.53	49	.11	<3	1.12	.02	.08	<2	5.8
L28W 7+00S	<1	107	5	39	<.3	16	13	575	3.10	9	<8	<2	2	50	<.5	<3	<3	103	.62	.118	9	33	.69	86	.12	<3	1.71	.02	.16	<2	8.4
L28W 8+00S	<1	123	5	47	<.3	18	15	676	3.39	9	<8	<2	2	67	<.5	<3	<3	111	.79	.130	10	32	.77	91	.12	<3	1.58	.03	.17	<2	14.0
L28W 9+00S	<1	130	5	50	<.3	18	16	729	3.58	11	<8	<2	2	64	<.5	<3	<3	123	.79	.130	10	33	.78	99	.13	<3	1.69	.03	.15	<2	17.6
L28W 10+00S	<1	40	3	29	<.3	11	8	248	2.54	4	<8	<2	<2	40	<.5	<3	<3	86	.49	.092	6	23	.41	46	.10	<3	1.05	.01	.07	<2	4.9
RE L28W 12+00S	<1	62	4	37	<.3	16	12	448	2.67	7	<8	<2	2	48	<.5	<3	<3	95	.59	.097	7	30	.65	87	.13	<3	1.59	.01	.09	<2	7.7
L28W 11+00S	<1	108	4	48	<.3	20	14	633	3.36	8	<8	<2	2	59	<.5	<3	<3	104	.81	.124	10	36	.76	111	.12	<3	1.59	.03	.18	<2	9.6
L28W 12+00S	<1	63	4	39	<.3	17	12	463	2.82	7	<8	<2	2	51	<.5	<3	<3	100	.61	.100	8	31	.66	88	.14	<3	1.64	.02	.09	<2	8.6
L28W 13+00S	1	45	6	38	<.3	29	11	413	2.94	5	<8	<2	2	45	<.5	<3	<3	90	.50	.128	13	41	.60	131	.13	<3	1.51	.01	.09	<2	3.9
L28W 14+00S	1	46	4	38	<.3	21	9	412	2.64	4	<8	<2	2	42	<.5	<3	<3	85	.48	.104	10	34	.51	77	.14	<3	1.37	.02	.09	<2	2.9
L28W 15+00S	<1	55	4	36	<.3	29	11	390	2.94	5	<8	<2	2	50	<.5	<3	<3	94	.53	.113	12	40	.61	114	.15	<3	1.52	.02	.11	<2	3.8
L26W 0+00	1	25	5	120	<.3	21	14	563	3.22	4	<8	<2	<2	28	<.5	<3	<3	96	.37	.162	4	34	.50	96	.09	<3	1.65	.01	.09	<2	.9
L26W 1+00S	1	90	5	51	<.3	14	10	501	1.95	5	<8	<2	<2	57	<.5	<3	<3	60	.83	.062	4	23	.52	96	.08	<3	1.11	.01	.13	<2	3.6
L26W 2+00S	1	32	4	52	<.3	24	11	386	3.22	5	<8	<2	<2	24	<.5	<3	<3	100	.36	.181	5	32	.48	93	.08	<3	1.37	.01	.05	<2	46.4
L26W 3+00S	1	15	6	63	<.3	12	9	424	2.25	2	<8	<2	<2	30	<.5	<3	<3	67	.30	.155	4	23	.25	205	.08	<3	1.22	.01	.04	<2	1.0
L26W 4+00S	1	21	6	106	<.3	16	11	782	2.66	3	<8	<2	<2	20	<.5	<3	<3	71	.25	.301	3	25	.35	144	.09	<3	1.63	.01	.06	<2	1.5
L26W 5+00S	<1	17	3	30	<.3	21	8	200	2.58	3	<8	<2	<2	24	<.5	<3	<3	80	.34	.103	5	37	.34	68	.08	<3	1.04	.01	.06	<2	2.2
L26W 6+00S	<1	14	3	21	<.3	14	6	158	1.90	2	<8	<2	2	25	<.5	<3	<3	66	.31	.068	6	30	.22	63	.10	<3	.76	.01	.04	<2	2.7
STANDARD DS3	10	127	34	155	.3	36	12	828	3.23	32	<8	<2	4	27	5.8	6	5	77	.48	.093	18	185	.61	147	.08	<3	1.67	.03	.16	4	20.8

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Standard Metals PROJECT RED 01 FILE # A103564R

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
G-1	1	2	<3	36	<.3	5	3	453	1.65	<2	<8	<2	5	59	<.5	<3	<3	34	.47	.087	7	13	.47	198	.10	<3	.70	.05	.41	2	.4
L26W 7+00S	<1	28	4	46	<.3	14	8	381	2.03	2	<8	<2	<2	35	<.5	<3	<3	64	.40	.061	6	24	.38	72	.09	<3	1.15	.01	.06	<2	2.6
L26W 8+00S	<1	35	3	26	<.3	10	8	297	1.81	4	<8	<2	<2	38	<.5	<3	<3	67	.58	.098	6	20	.54	49	.10	<3	.91	.01	.07	<2	10.8
L26W 9+00S	<1	62	4	34	<.3	15	8	367	2.46	6	<8	<2	2	49	<.5	<3	<3	86	.69	.099	9	32	.60	73	.13	<3	1.41	.02	.12	<2	4.0
L26W 10+00S	<1	72	4	32	<.3	16	8	359	2.47	6	<8	<2	2	55	<.5	<3	<3	83	.77	.099	8	34	.57	85	.13	3	1.51	.02	.14	<2	9.8
L26W 11+00S	<1	35	3	29	<.3	13	8	259	2.58	4	<8	<2	<2	40	<.5	<3	<3	90	.53	.066	5	28	.39	54	.12	<3	1.01	.01	.05	<2	9.9
L26W 12+00S	<1	54	3	31	<.3	14	8	416	2.34	3	<8	<2	<2	38	<.5	<3	<3	78	.46	.073	8	22	.38	73	.09	<3	1.07	.01	.06	<2	33.4
L26W 13+00S	<1	40	5	43	<.3	20	10	377	2.68	4	<8	<2	<2	53	<.5	<3	<3	80	.52	.110	8	30	.39	127	.10	<3	1.56	.01	.07	<2	31.0
L26W 14+00S	<1	34	6	37	<.3	16	9	233	2.31	4	<8	<2	<2	37	<.5	<3	<3	80	.47	.069	5	28	.41	111	.11	<3	1.34	.01	.06	<2	4.9
L26W 15+00S	<1	82	5	37	<.3	18	10	395	3.15	7	<8	<2	2	58	<.5	<3	<3	97	.73	.109	10	39	.65	119	.13	<3	1.82	.02	.13	<2	7.9
RE L24W 9+00S	<1	37	4	52	<.3	25	10	255	2.92	3	<8	<2	2	28	<.5	<3	<3	88	.35	.144	6	37	.42	93	.09	<3	1.58	.01	.05	<2	9.2
25+00W 8+00S	<1	63	4	39	<.3	13	10	300	2.39	5	<8	<2	<2	51	<.5	<3	<3	81	.60	.100	8	21	.63	94	.13	<3	1.62	.02	.08	<2	4.2
L24W 8+00S	1	31	5	65	<.3	25	11	364	3.22	4	<8	<2	2	21	<.5	<3	<3	99	.29	.144	5	40	.42	92	.10	<3	1.82	.01	.06	<2	1.9
L24W 9+00S	<1	37	4	53	<.3	24	10	243	2.76	3	<8	<2	2	25	<.5	<3	<3	84	.33	.142	6	36	.42	94	.09	<3	1.58	.01	.05	<2	15.8
L24W 10+00S	<1	47	3	30	<.3	21	9	319	2.79	4	<8	<2	2	42	<.5	<3	<3	92	.52	.103	11	43	.47	96	.11	<3	1.17	.01	.06	<2	<.2
L24W 12+00S	<1	74	5	41	<.3	17	13	547	3.04	8	<8	<2	2	57	<.5	<3	<3	108	.79	.131	9	37	.68	83	.14	<3	1.57	.02	.13	<2	4.7
L24W 13+00S	<1	45	4	30	<.3	14	8	355	2.30	5	<8	<2	2	50	<.5	<3	<3	96	.67	.085	7	29	.50	54	.15	<3	1.15	.02	.06	<2	12.5
L24W 14+00S	<1	51	4	33	<.3	16	10	400	3.03	6	<8	<2	2	51	<.5	<3	<3	106	.60	.103	8	30	.54	81	.13	<3	1.37	.02	.10	<2	5.7
L24W 15+00S	<1	50	4	31	<.3	16	8	278	2.48	4	<8	<2	2	48	<.5	<3	<3	86	.59	.114	9	27	.44	57	.13	<3	1.31	.02	.08	<2	7.2
23+00W 8+00S	1	28	4	38	<.3	17	8	289	2.08	4	<8	<2	<2	27	<.5	<3	<3	88	.33	.068	4	28	.37	60	.09	<3	1.41	.01	.05	<2	2.5
L22W 8+00S	<1	20	4	32	<.3	10	5	193	1.69	2	<8	<2	<2	28	<.5	<3	<3	62	.39	.036	4	22	.32	52	.12	<3	.96	.01	.04	<2	3.4
L22W 10+00S	1	27	5	55	<.3	19	9	250	2.93	4	<8	<2	<2	22	<.5	<3	<3	86	.30	.194	4	32	.34	78	.09	<3	1.64	.01	.05	<2	2.8
L22W 11+00S	<1	35	4	47	<.3	16	8	298	1.84	2	<8	<2	<2	34	<.5	<3	<3	65	.45	.047	5	27	.43	61	.12	<3	1.34	.01	.05	<2	2.6
L22W 12+00S	<1	42	3	32	<.3	18	8	318	2.33	4	<8	<2	<2	39	<.5	<3	<3	87	.56	.094	6	37	.53	66	.13	<3	1.23	.01	.07	<2	4.1
L22W 13+00S	<1	61	4	38	<.3	17	11	462	2.88	6	<8	<2	2	51	<.5	<3	<3	94	.68	.122	9	33	.58	96	.14	<3	1.58	.02	.11	<2	6.2
L22W 14+00S	1	284	7	77	.3	43	25	1167	4.01	8	<8	<2	2	78	<.5	<3	<3	113	.75	.085	37	62	1.06	229	.10	<3	4.74	.02	.19	<2	6.6
L22W 15+00S	<1	66	4	41	<.3	21	10	289	2.86	4	<8	<2	2	34	<.5	<3	<3	89	.41	.114	8	30	.49	107	.10	<3	1.59	.01	.09	<2	4.7
STANDARD DS3	9	125	35	151	.3	36	12	777	3.23	30	<8	<2	4	27	5.6	5	5	79	.55	.091	17	189	.59	146	.08	<3	1.67	.03	.16	4	21.0

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Standard Metals PROJECT RED-01 File # A103565

606 - 6595 Bonsor Ave, Burnaby BC V5H 4G5 Submitted by: D. Blann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
S1	<1	2	<3	1	<.3	<1	<1	4	.03	2	<8	<2	<2	1	<.2	<3	<3	1	.05	<.001	1	5	<.01	1	<.01	<3	.01	.26	<.01	<2	<2	2	<2
R01-DB-1	2	114	7	70	.5	12	14	737	3.36	33	<8	<2	<2	179	.2	<3	3	152	6.70	.227	14	33	.61	59	.27	5	1.62	.15	.08	<2	3	5	2
R01-DB-2	3	5723	8	139	10.8	6	14	1843	3.72	3	<8	<2	<2	74	.7	<3	4	160	1.45	.145	8	32	.91	27	.24	4	1.20	.10	.06	2	13	<2	2
RE R01-DB-2	2	5501	3	135	10.7	6	13	1780	3.59	4	<8	<2	<2	71	.8	<3	<3	153	1.39	.140	8	29	.87	26	.23	5	1.16	.09	.07	3	7	<2	6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 17/01 SIGNED BY C. L........D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ____

APPENDIX B

Rock and Soil Sample Descriptions
Histograms, Log Probability Plots

Company: Norian Resources Corp.

Rock Sample Description Sheet

Prospect: Red Property

Sampled by: David Blann

Date: 10/02/01

NAD 83 UTM

Alteration Scale 1-5

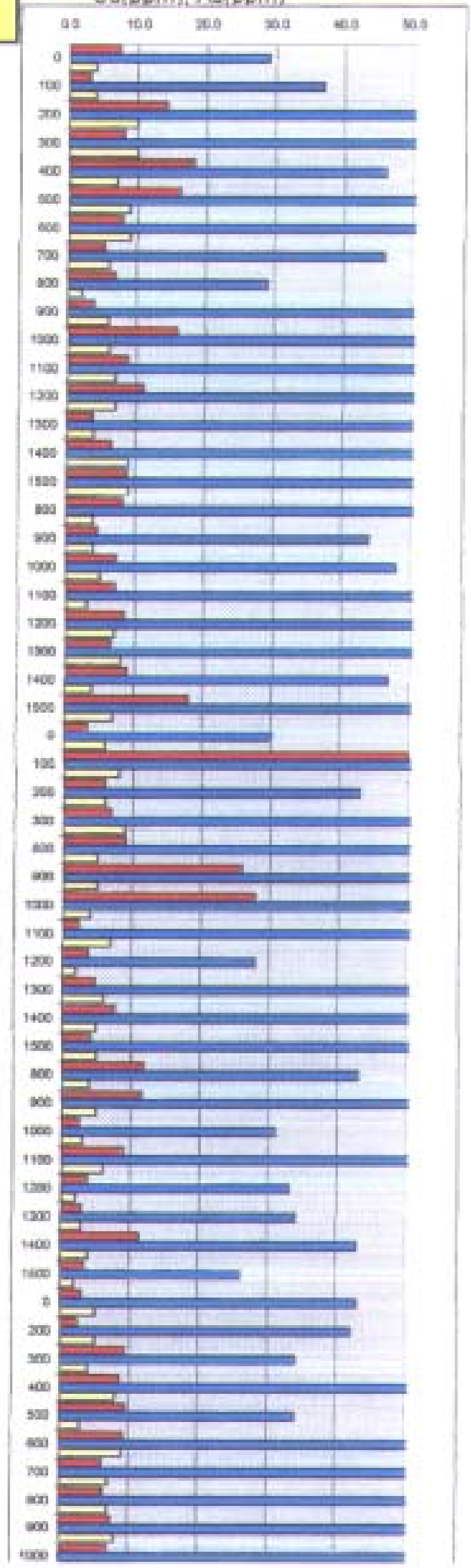
North (M)	East (M)	Elev. (M)	Sample Number	Comments	Rock Code	olc/ Int/ S V, +, =,Ls	Structure 000/00	Chip m/sq.m	Grab Kg.	% Py	% Cp	% Sp	% Gl	% Qvn	% Mag	% Hem	Ser	K Feld	Ca	Chl	Ep	Clay
			R01DB1	2 metre	Abx	V	-	2.0	2.5	3	-	-	-	-	1	3	3	-	3	-	1	1
			chip sample of propylitic, brown volcanic flow/breccia, moderate hematite, pyrite, non magnetic. Sericite-calcite altered.																			
			Approximately 400 metres north of the Road zone, near north edge of clearcut																			
			R01DB2																			
			At road zone10 kg. Grab sample of malachite/azurite stained heterolithic felsic intrusive breccia. Moderately																			
			Propylitic, weak k-feldspar, trace bornite, native copper/ oxide.																			

Red Property

ICP Soil Geochemical Data

Line West	South m.	Au ppb	Cu ppm	As ppm
3400	0	7.4	29	4
3400	100	3.1	37	4
3400	200	14.3	118	10
3400	300	8.2	103	10
3400	400	18.2	46	7
3400	500	16.2	93	9
3400	600	7.9	111	9
3400	700	5.4	46	6
3400	800	6.9	29	2
3400	900	3.8	59	6
3400	1000	15.9	59	6
3400	1100	8.8	77	7
3400	1200	11.1	64	7
3400	1300	3.8	59	4
3400	1400	6.6	105	9
3400	1500	8.9	102	9
3300	800	8.3	59	4
3300	900	4.6	44	4
3300	1000	7.3	48	5
3300	1100	7.2	51	3
3300	1200	8.4	79	7
3300	1300	6.6	89	8
3300	1400	8.9	47	4
3300	1500	17.9	94	7
3200	0	3.4	30	6
3200	100	50.1	56	8
3200	200	6	43	6
3200	300	6.9	88	9
3200	800	9.1	66	5
3200	900	25.9	59	5
3200	1000	27.8	51	4
3200	1100	2.3	51	7
3200	1200	3.8	28	2
3200	1300	4.8	63	6
3200	1400	7.6	62	5
3200	1500	4.1	66	5
3100	800	11.8	43	4
3100	900	11.6	65	5
3100	1000	2.6	31	3
3100	1100	9	73	6
3100	1200	3.8	33	2
3100	1300	2.9	34	3
3100	1400	11.4	43	4
3100	1500	3.5	26	2
3000	0	3.1	43	5
3000	200	2.4	42	5
3000	300	9.2	34	4
3000	400	8.5	114	8
3000	500	9.5	34	3
3000	600	9.2	141	9
3000	700	6.1	79	7
3000	800	6.3	90	7
3000	900	7.5	106	8

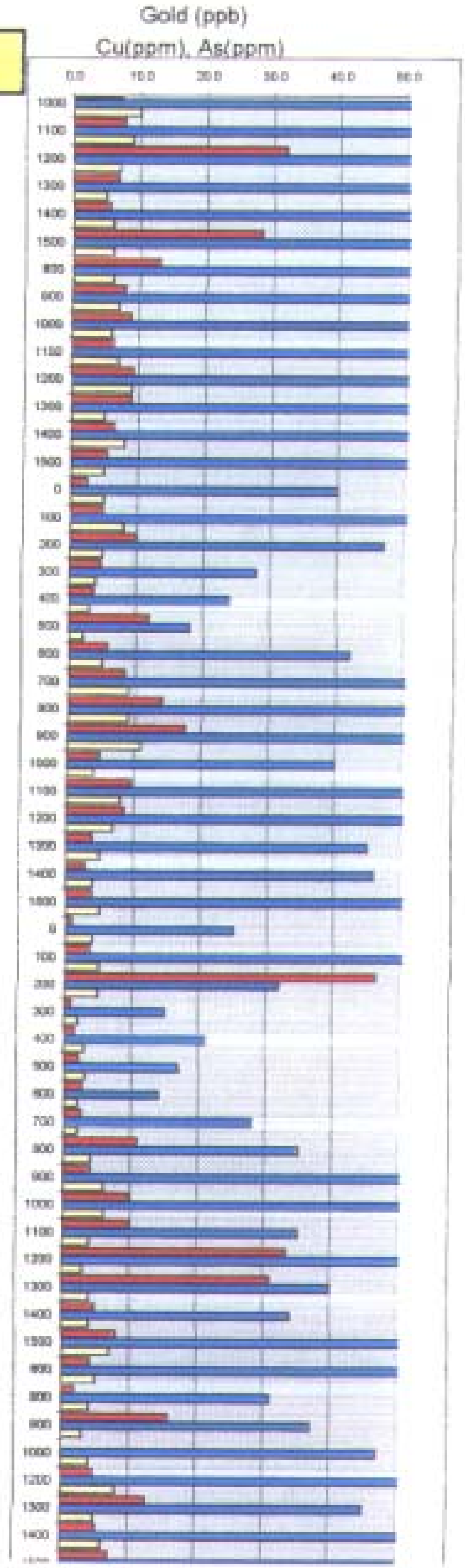
Gold (ppb)
Cu(ppm), As(ppm)



Red Property

ICP Soil Geochemical Data

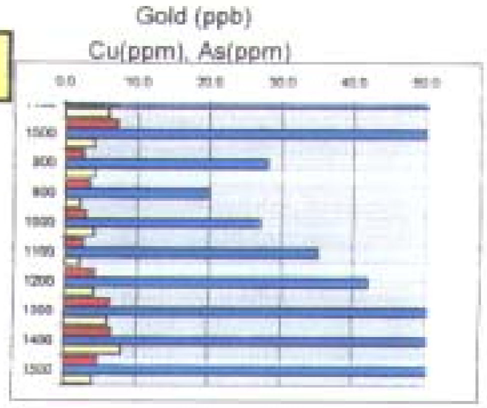
Line West	South m.	Au ppb	Cu ppm	As ppm
3000	1000	6.9	101	10
3000	1100	7.7	99	9
3000	1200	32	54	7
3000	1300	6.8	80	5
3000	1400	5.5	66	6
3000	1500	28.2	76	6
2900	800	13	62	6
2900	900	8	76	7
2900	1000	8.9	67	6
2900	1100	6.3	101	7
2900	1200	9.2	117	9
2900	1300	9	82	5
2900	1400	6.4	94	8
2900	1500	5.4	51	5
2800	0	2.4	40	5
2800	100	4.9	64	8
2800	200	9.7	47	5
2800	300	4.7	28	4
2800	400	3.7	24	3
2800	500	12	18	2
2800	600	5.8	42	5
2800	700	8.4	107	9
2800	800	14	123	9
2800	900	17.6	130	11
2800	1000	4.9	40	4
2800	1100	9.6	108	8
2800	1200	8.6	63	7
2800	1300	3.9	45	5
2800	1400	2.9	46	4
2800	1500	3.8	55	5
2600	0	0.9	25	4
2600	100	3.6	90	5
2600	200	46.4	32	5
2600	300	1	15	2
2600	400	1.5	21	3
2600	500	2.2	17	3
2600	600	2.7	14	2
2600	700	2.6	28	2
2600	800	10.8	35	4
2600	900	4	62	6
2600	1000	9.8	72	6
2600	1100	9.9	35	4
2600	1200	33.4	54	3
2600	1300	31	40	4
2600	1400	4.9	34	4
2600	1500	7.9	82	7
2500	800	4.2	63	5
2400	800	1.9	31	4
2400	900	15.8	37	3
2400	1000	< .2	47	4
2400	1200	4.7	74	8
2400	1300	12.5	45	5



Red Property

ICP Soil Geochemical Data

Line West	South m.	Au ppb	Cu ppm	As ppm
2400	1400	5.2	51	6
2400	1500	7.2	50	4
2300	800	2.5	28	4
2200	800	3.4	20	2
2200	1000	2.8	27	4
2200	1100	2.6	35	2
2200	1200	4.1	42	4
2200	1300	6.2	61	6
2200	1400	6.6	284	8
2200	1500	4.7	66	4



Red Property

2001 Auger Till Sample Summary Notes

Line West	South m.	Depth (cm)	Moisture D,M,W	Material Slt,S,C	Color	Comments
3400	0	40.0	M	Slt	Br/Gy	
3400	100	45.0	D	SLT/gravel	Gy	
3400	200	50.0	M	SLT/S	Gy/Gn/Br	
3400	300	56.0	M	SLT/C	White/Gy/or/Br	
3400	400	45.0	M	SLT/C	Gy/Br	
3400	500	50.0	M	Slt	Gy/Br/Or	
3400	600	50.0	D	Slt	Gy/Br/Or	
3400	700	30.0	D	SLT/C	Gy/Br	
3400	800	35.0	D	Slt	Grey	25m N of road
3400	900	78.0	D	C	Grey	
3400	1000	66.0	D	C	Grey	
3400	1100	55.0	D/M	C	dk brown	
3400	1200	52.0	D	SLT/C	dk brown	
3400	1300	53.0	D	SLT	Grey	
3400	1400	69.0	D/M	C	Tan/Or	
3400	1500	79.0	D/M	C	Or/brown	
3300	800	45.0	D	Slt	Grey	
3300	900	45.0	M	C/gravel	dk brown	
3300	1000	54.0	M	C/gravel	dk brown	
3300	1100	50.0	M	C/gravel	dk brown	
3300	1200	72.0	M	C	dk brown	
3300	1300	67.0	M	C	dk brown	
3300	1400	54.0	M	C/Slt	dk brown	
3300	1500	71.0	M	C	dk brown	
3200	0	45.0	M	S/Slt	Or/Br/Gy	
3200	100	52.0	M	Slt	Or/Br/Gy	
3200	200	38.0	M	Slt/C	Gy	rocky
3200	300	57.0	M	S/Slt	Or/Br/Gy	
3200	400					
3200	500					
3200	600					
3200	700					
3200	800	48.0	D	C	dk brown	
3200	900	56.0	M	C	dk brown	
3200	1000	55.0	M	C	brown/or flecks	
3200	1100	71.0	M	C	dk brown	
3200	1200	62.0	M	C	dk brown	
3200	1300	74.0	M	C	dk brown	
3200	1400	52.0	M	C	dk brown	
3200	1500	67.0	M	C	dk brown	

Red Property

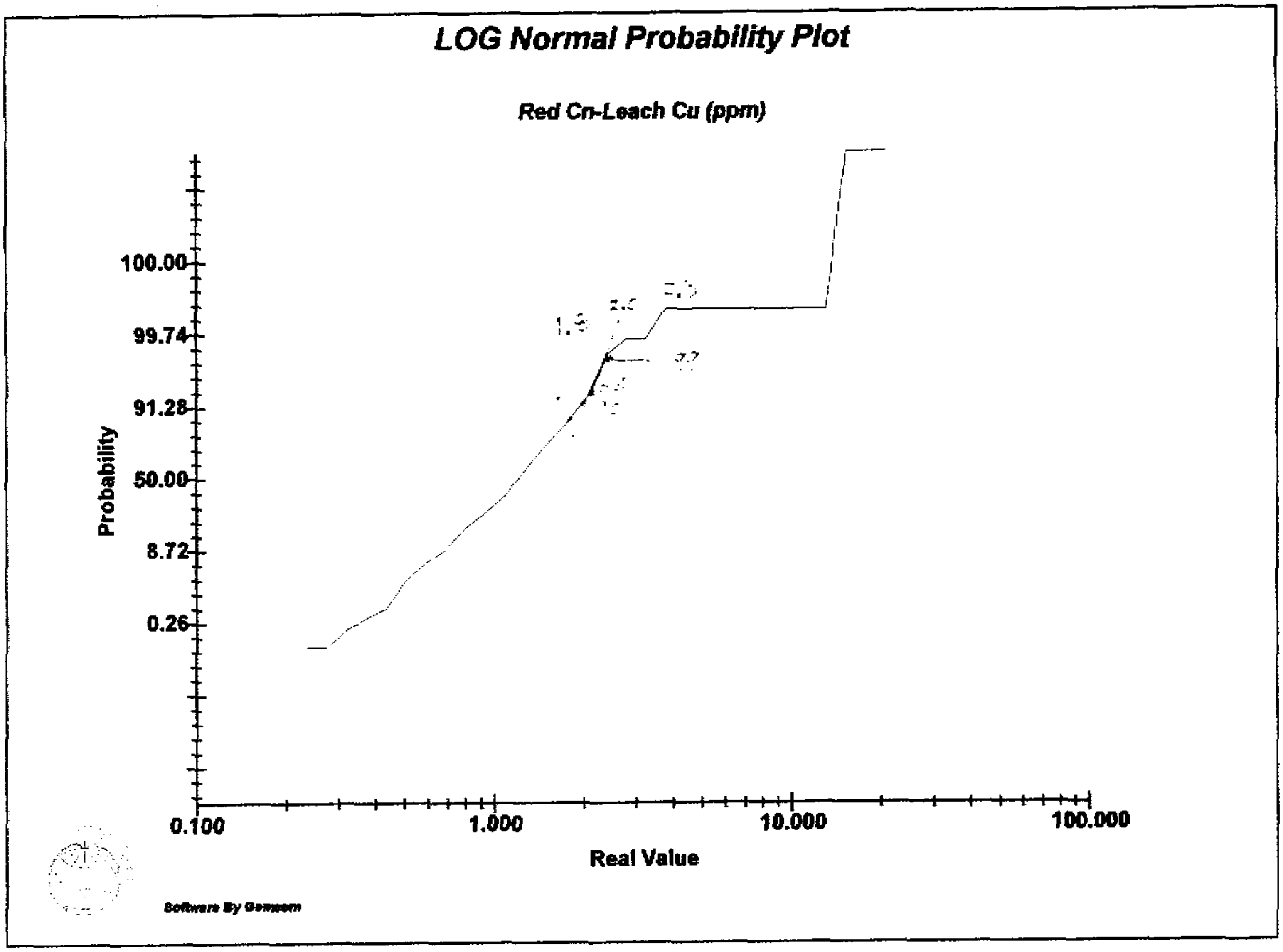
2001 Auger Till Sample Summary Notes

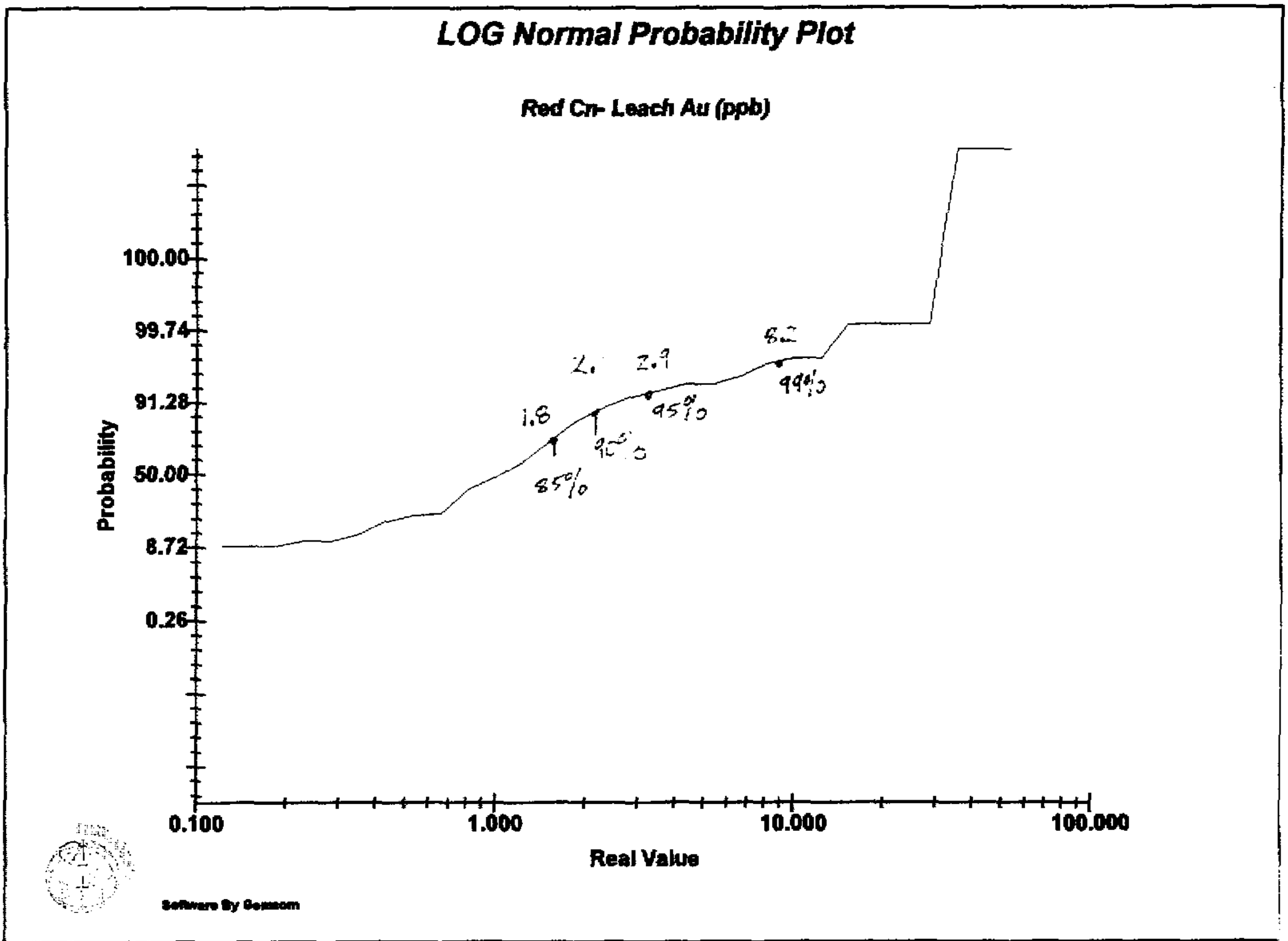
Line West	South m.	Depth (cm)	Moisture D,M,W	Material Slt,S,C	Color	Comments
3100	800	42.0	M	C	dk brown	
3100	900	44.0	D	C	Grey	
3100	1000	70.0	M	C	Grey/or fleck	
3100	1100	62.0	M	C	brown/or flecks	
3100	1200	63.0	M	C	dk brown	
3100	1300	42.0	M	C	dk brown	
3100	1400	49.0	M	C	dk brown	
3100	1500	53.0	M	C	Grey	
3000	0	90.0	M	C	Grey	
3000	100	50.0	D	C	Grey	
3000	200	75.0	W	S	Or/Br/Gy/Gn	
3000	300	44.0	M	C	Grey	
3000	400	73.0	D	C/Slt	Gy/Br	
3000	500	56.0	D	C/Slt	Grey	
3000	600	70.0	D	C/Slt	Grey	
3000	700	40.0	D	C/Slt	Grey	rocky
3000	800	54.0	D	Slt/S	Gy-Br-Gn	
3000	900	76.0	D	Slt/S	Brown/Gn/or flecks	
3000	1000	70.0	M	Slt/S	Brown/Gn/or flecks	
3000	1100	80.0	M	Slt/S	Br-Or	
3000	1200	75.0	M	Slt/S	Brn	
3000	1300	60.0	M	Slt/S	Brown/Gy/Gn	
3000	1400	72.0	M	Slt	Brown/Gy/Gn	
3000	1500	74.0	M	Slt	Gy-Br-Gn	
2900	800	46.0	D	Slt/C	Gy/Tan	
2900	900	54.0	D	Slt/C	Gy/Tan	
2900	1000	50.0	D	Slt/C	Gy tr Br	
2900	1100	65.0	M	Slt/C	Gy/Gn/Br	
2900	1200	70.0	M	Slt/C	Gy/Gn/Br	
2900	1300	52.0	D	Slt/C	Gy/Tan	
2900	1400	56.0	D	Slt/C	Gy/Tan	
2900	1500	46.0	D	Slt/C	Gy/Tan	
2800	0	60.0	M	S	dk brown	
2800	100	111.0	M	S	dk brown	
2800	200	101.0	D	C	dk brown	
2800	300	62.0	D	C	dk brown	
2800	400	53.0	D	Slt/C	dk brown	
2800	500	42.0	D	Slt/C	dk brown	
2800	600	46.0	M	C	dk brown	
2800	700	45.0	M	C	dk brown	
2800	800	75.0	D	Slt/C	Gy	
2800	900	70.0	D	Slt/C	Gy/Gn/Br	

Red Property

2001 Auger Till Sample Summary Notes

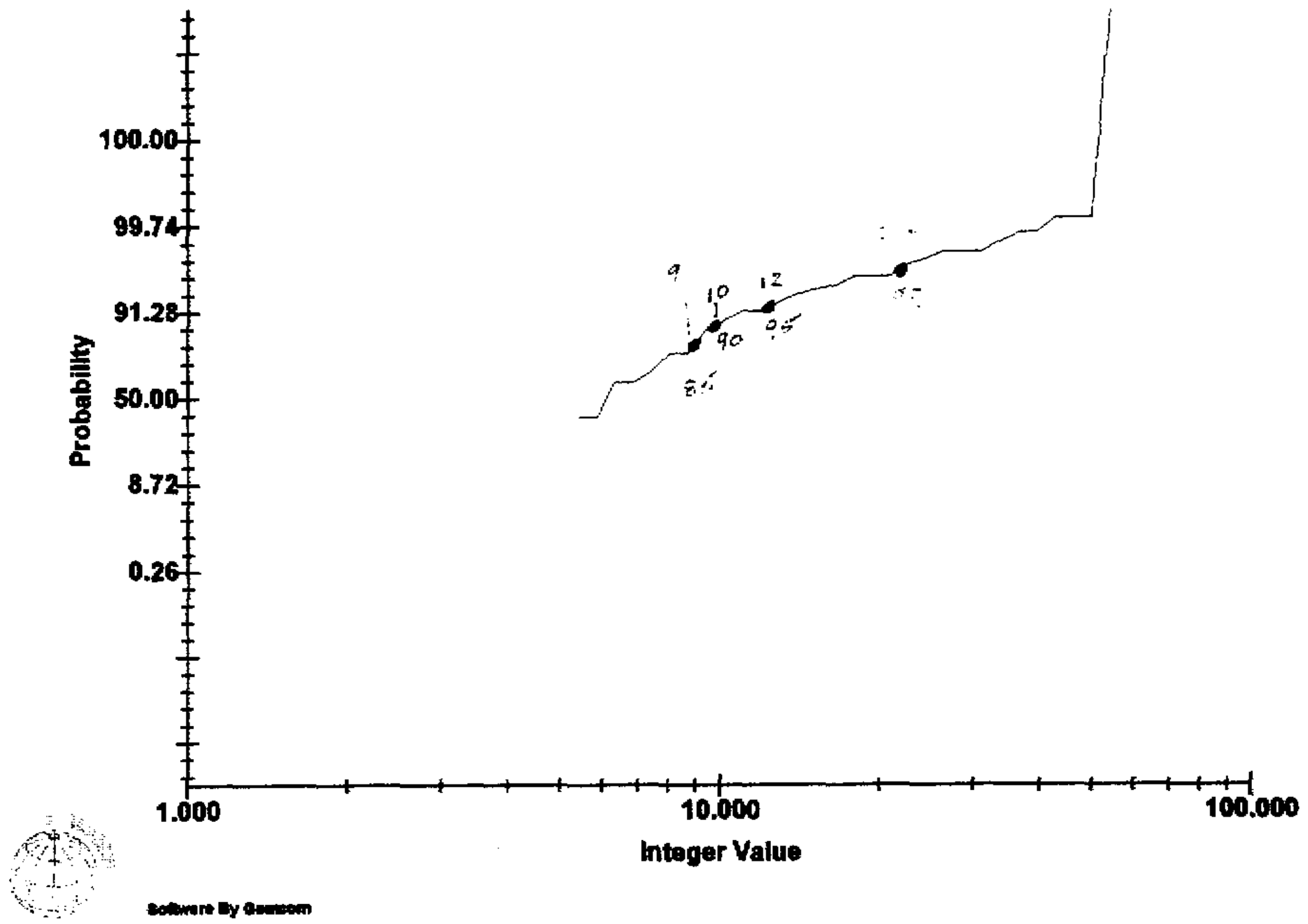
Line West	South m.	Depth (cm)	Moisture D,M,W	Material Slt,S,C	Color	Comments
2800	1000	30.0	M	Org-C	Gy	boulders
2800	1100	70.0	D/M	Slt/C	Gy/Gn	
2800	1200	45.0	D	Slt/C	Gy	powder
2800	1300	62.0	D	Slt	Gy/Tan	
2800	1400	60.0	D	Slt/C	Gy/Tan/Br	
2800	1500	60.0	D	Slt/C	Gy/Tan/Br	
2700	800					
2600	0	52.0	M	Slt/S	dk brown	
2600	100	95.0	D	till/slt	black	
2600	200	65.0	D	S/Slt	dk brown	
2600	300	71.0	D	Slt	dk brown	
2600	400	52.0	D	Slt	dk brown	
2600	500	56.0	D	Slt	dk brown	
2600	600	59.0	D	Slt	dk brown	
2600	700	39.0	M	Slt/C	dk brown	
2600	800	55.0	M	C	dk brown	
2600	900	45.0	M	C	dk brown	
2600	1000	56.0	W	C	dk brown	
2600	1100	47.0	D	Slt/C	dk brown	
2600	1200	40.0	M	C	dk brown	
2600	1300	38.0	D	Slt/C	dk brown	
2600	1400	51.0	D	C	brown/or flecks	
2600	1500	58.0	M	C	brown/or flecks	
2500	800	40.0	M	C	dk brown	marsh
2400	800	57.0	D	Slt	dk brown	
2400	900	50.0	D	Slt	dk brown	
2400	1000	70.0	M	C	dk brown	
2400	1100	N/S				swamp
2400	1200	56.0	M	C	dk brown	
2400	1300	42.0	M	C/slt	dk brown	
2400	1400	50.0	M	C	dk brown	
2400	1500	44.0	M	C	dk brown	
2300	800	35.0	W	C	dk brown	marsh
2200	800	37.0	D	Slt	dk brown	
2200	900	NS				swamp
2200	1000	33.0	D	Slt	dk brown	
2200	1100	40.0	D	Slt	dk brown	
2200	1200	43.0	D	Slt	dk brown	
2200	1300	59.0	M	C	dk brown	
2200	1400	42.0	W	C	black	marsh
2200	1500	56.0	M	C	dk brown	
	Avg Depth:	57	Cm			

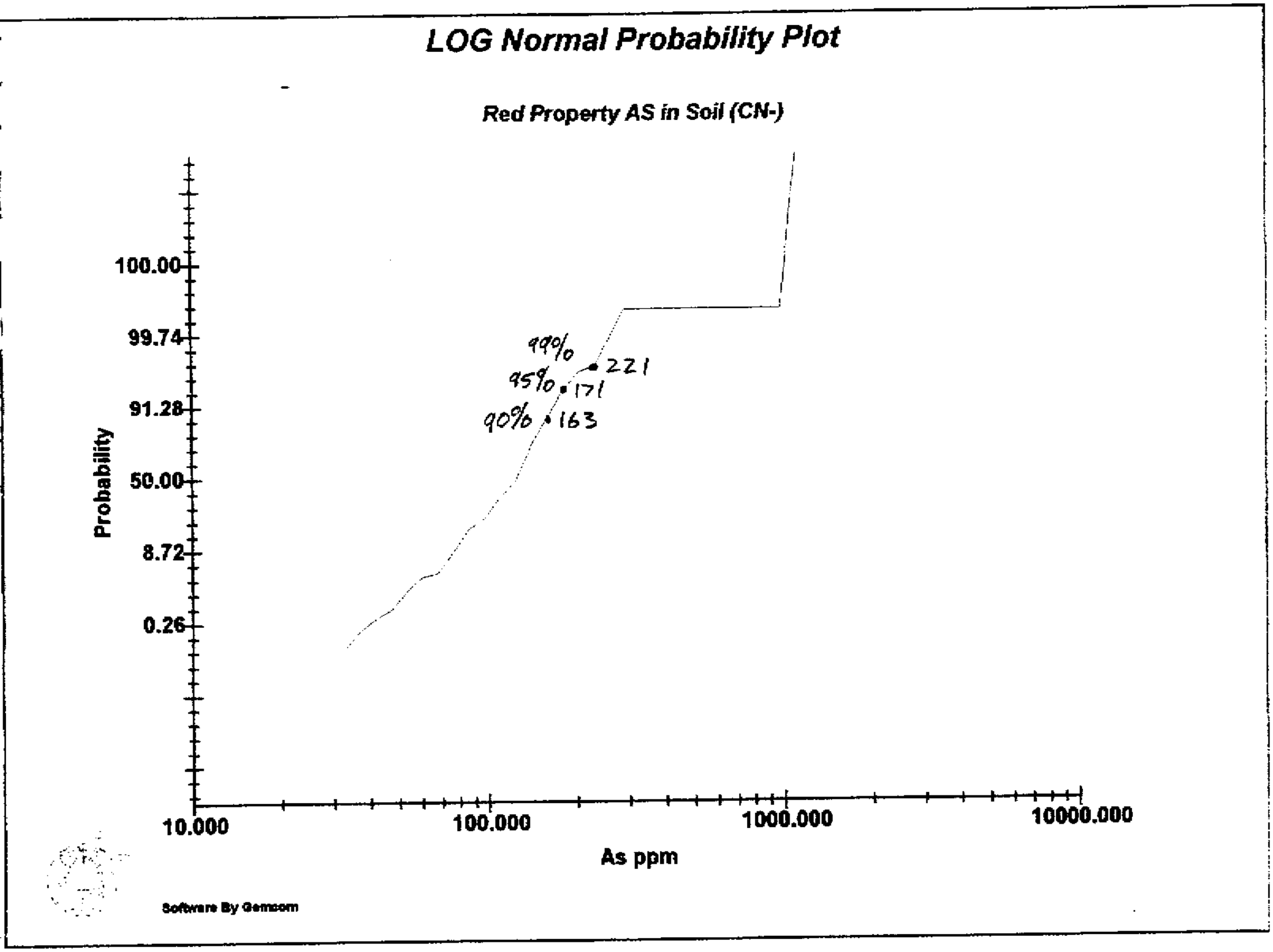

LOG Normal Probability Plot
Red Cn-Leach Cu (ppm)
Probability
100.00
99.74
91.28
50.00
8.72
0.26
0.100
1.000
10.000
100.000
Real Value
Software By Gemcom

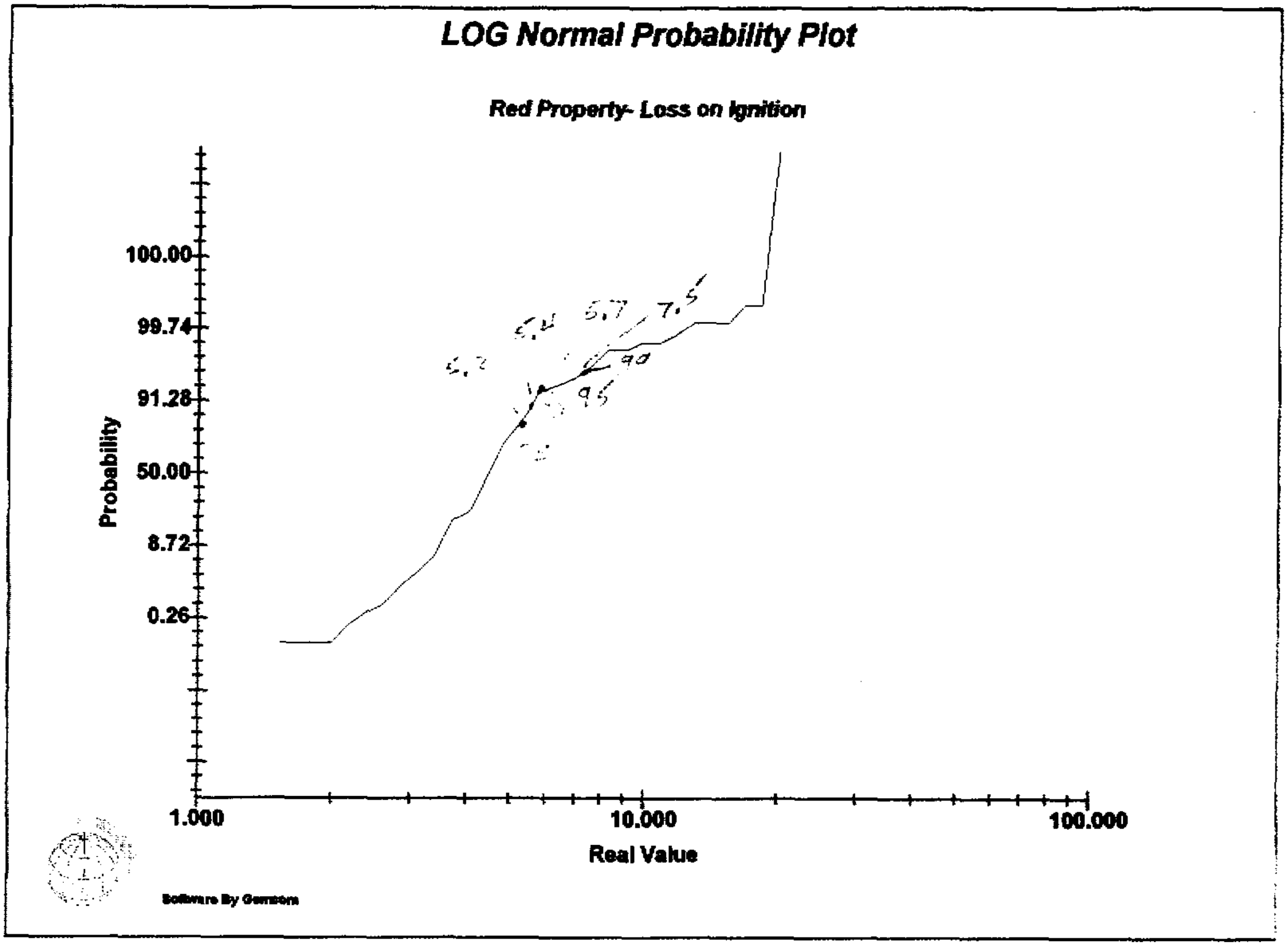

LOG Normal Probability Plot
Red Cn- Leach Au (ppb)
Probability
100.00
99.74
91.28
50.00
8.72
0.26
0.100
1.000
10.000
100.000
Real Value
1.8
2.9
85%
95%
99%
Software By Gemcom

LOG Normal Probability Plot

Red Cn-Leach Mo(ppb)

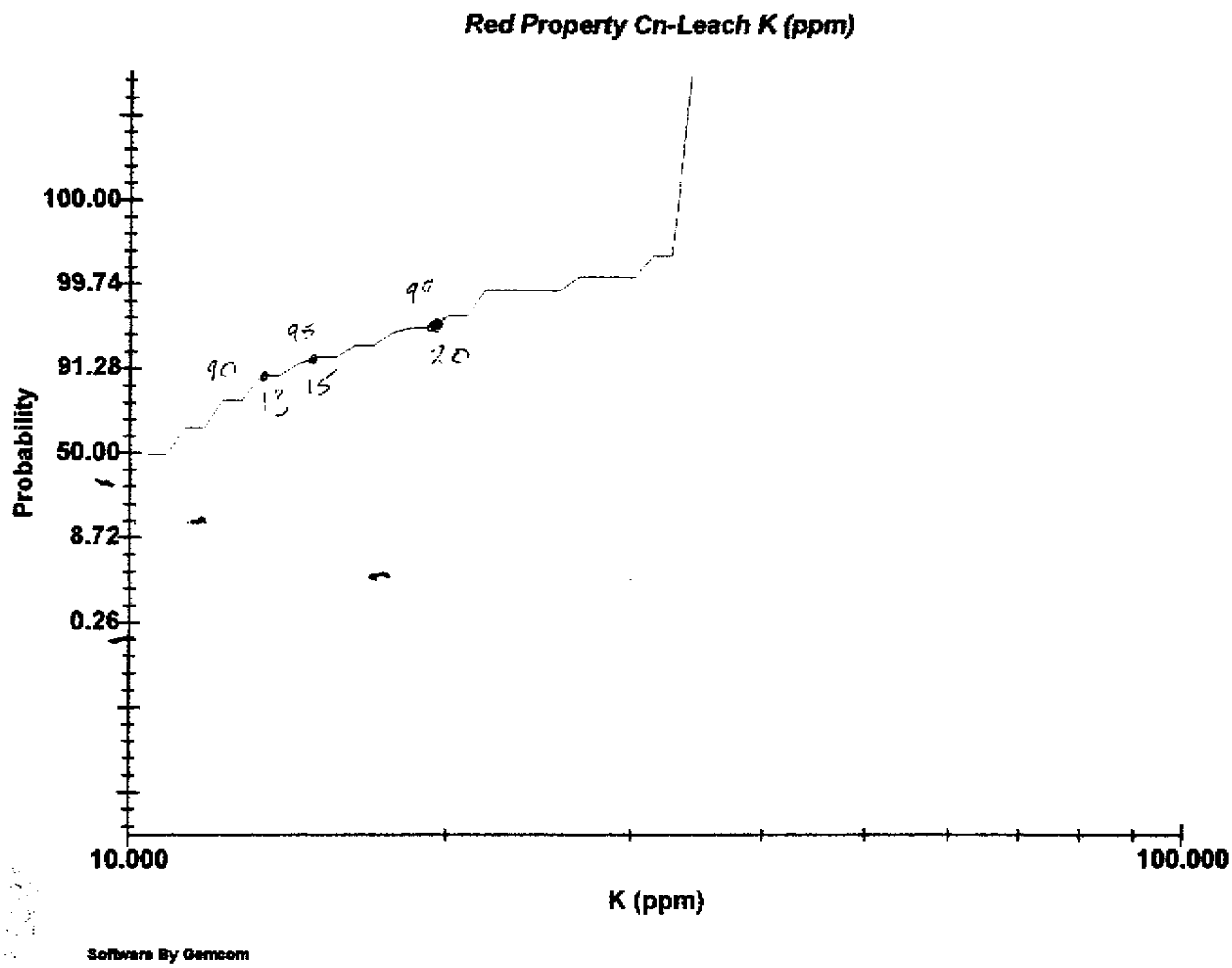


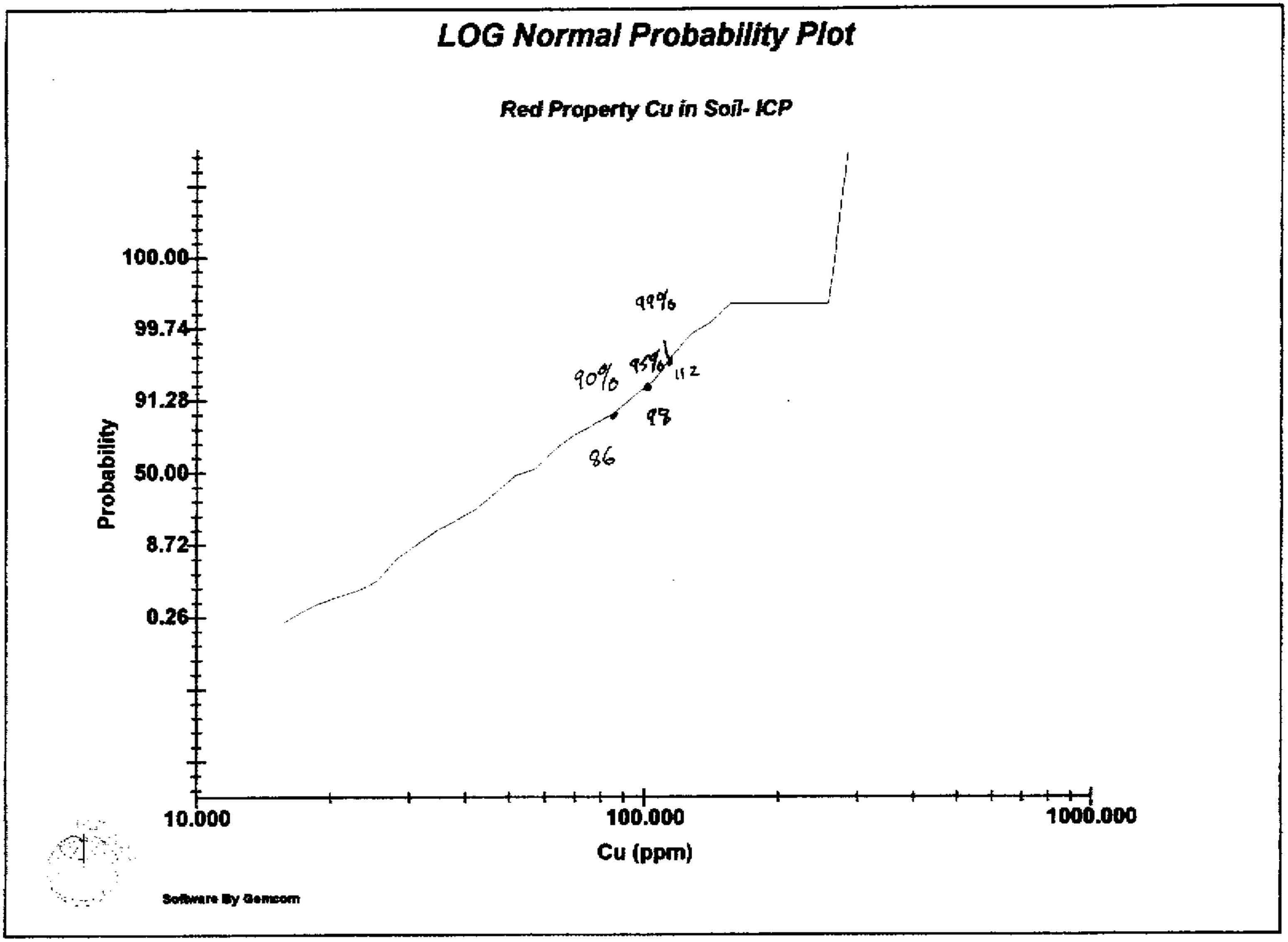

LOG Normal Probability Plot
Red Property AS in Soil (CN-)
Probability
100.00
99.74
91.28
50.00
8.72
0.26
99%
95%
90%
221
171
163
10.000
100.000
1000.000
10000.000
As ppm
Software By Gemcom



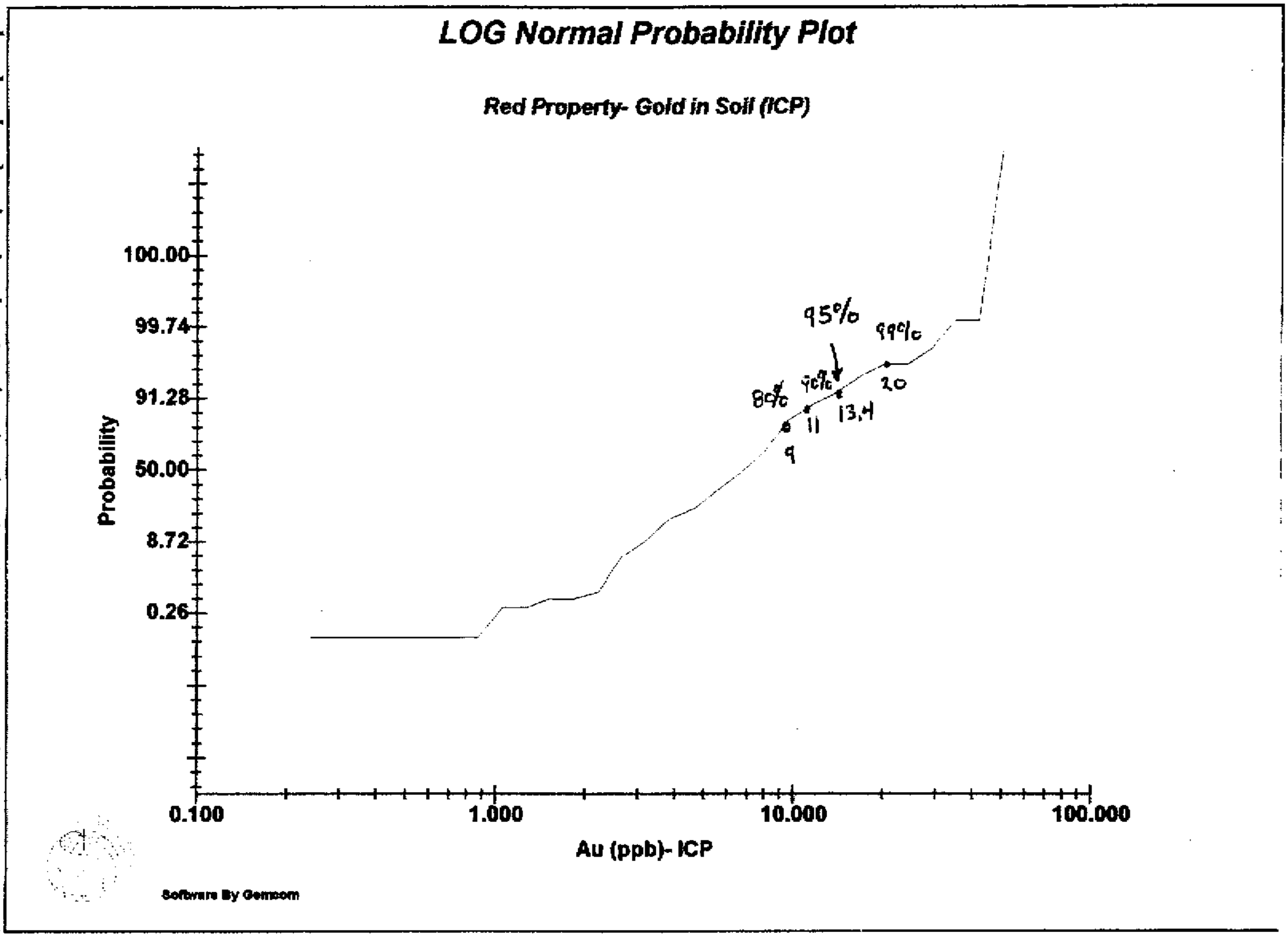
LOG Normal Probability Plot
Red Property- Loss on Ignition
Probability
100.00
99.74
91.28
50.00
8.72
0.26
1.000
10.000
100.000
Real Value
Software By Gemcom

LOG Normal Probability Plot





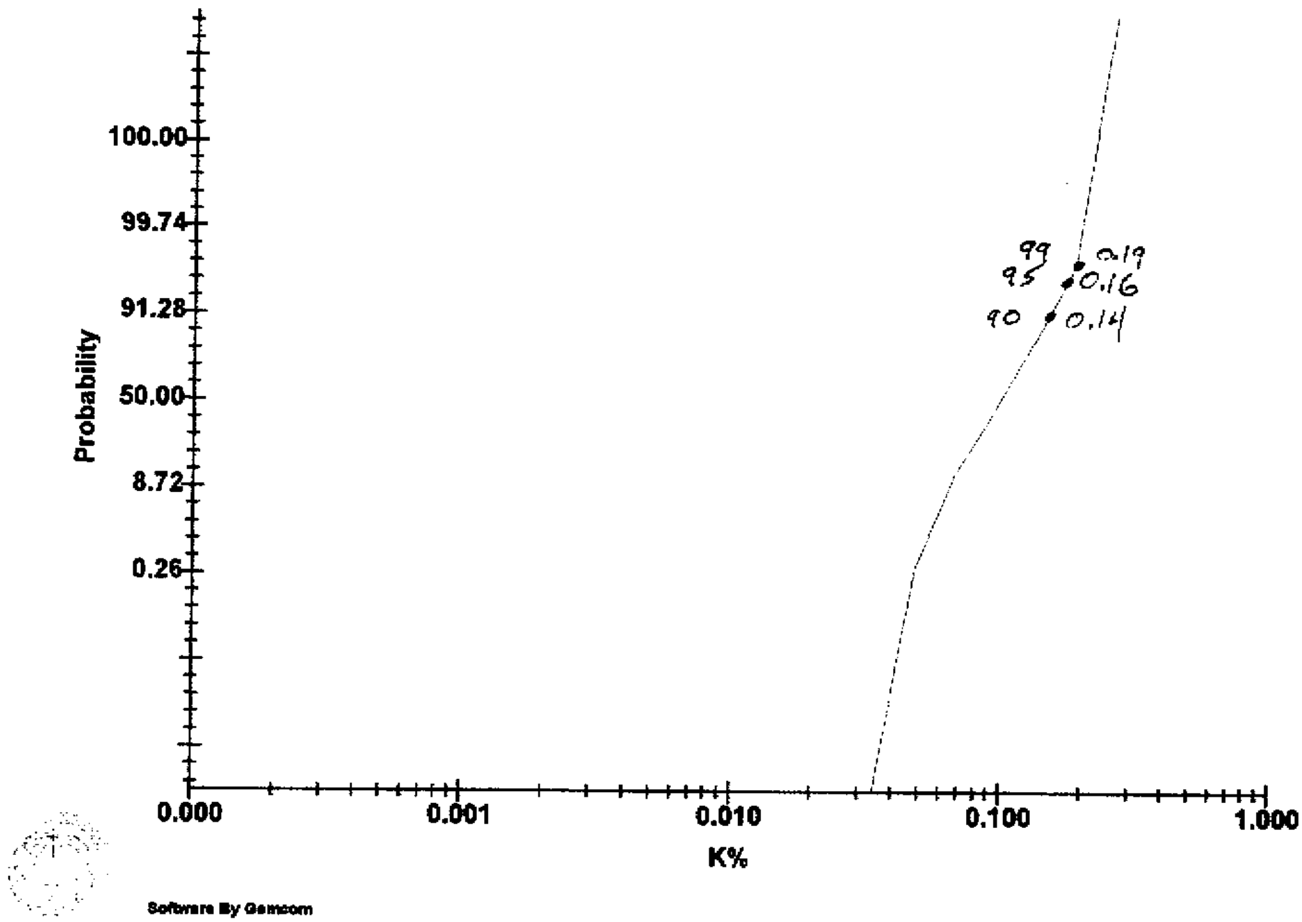
LOG Normal Probability Plot
Red Property Cu in Soil- ICP
Probability
100.00
99.74
91.28
50.00
8.72
0.26
10.000
100.000
1000.000
Cu (ppm)
99%
95%
90%
112
98
86
Software By Gemcom

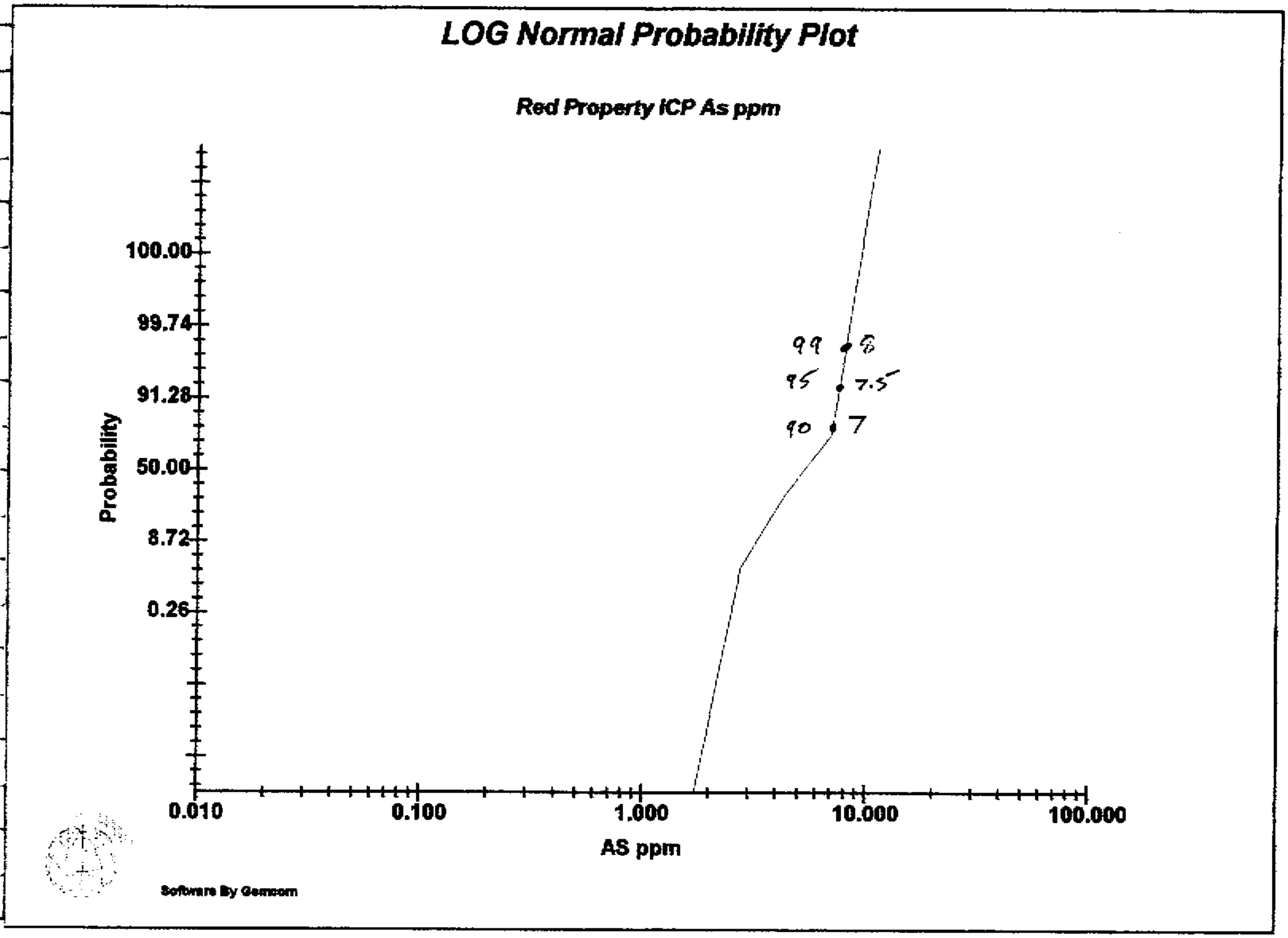

LOG Normal Probability Plot
Red Property- Gold in Soil (ICP)
Probability
100.00
99.74
91.28
50.00
8.72
0.26
0.100
1.000
10.000
100.000
Au (ppb)- ICP
95%
99%
80%
90%
9
11
13.4
20
Software By Gemcom

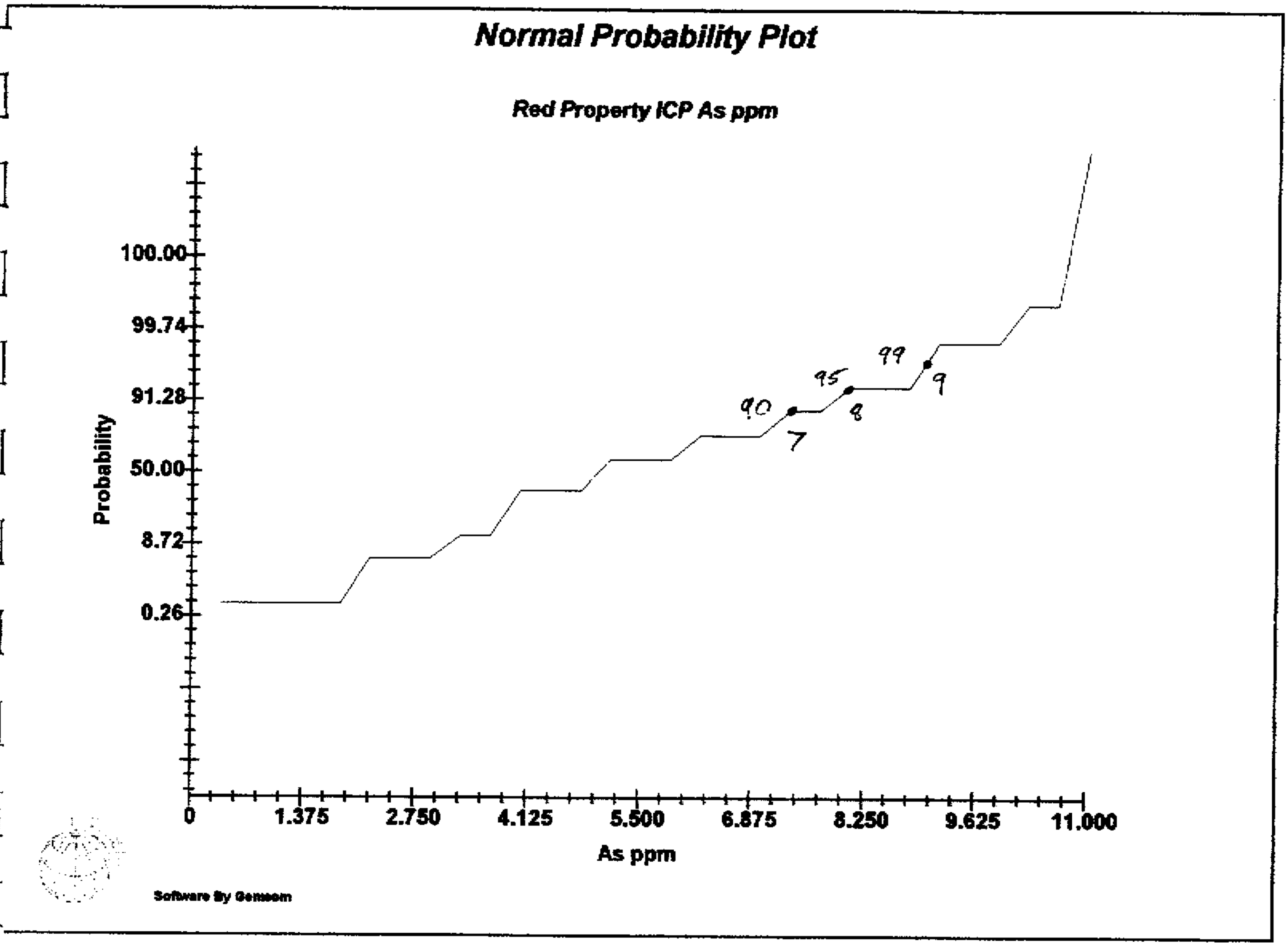
$\bar{X} = 8.8$

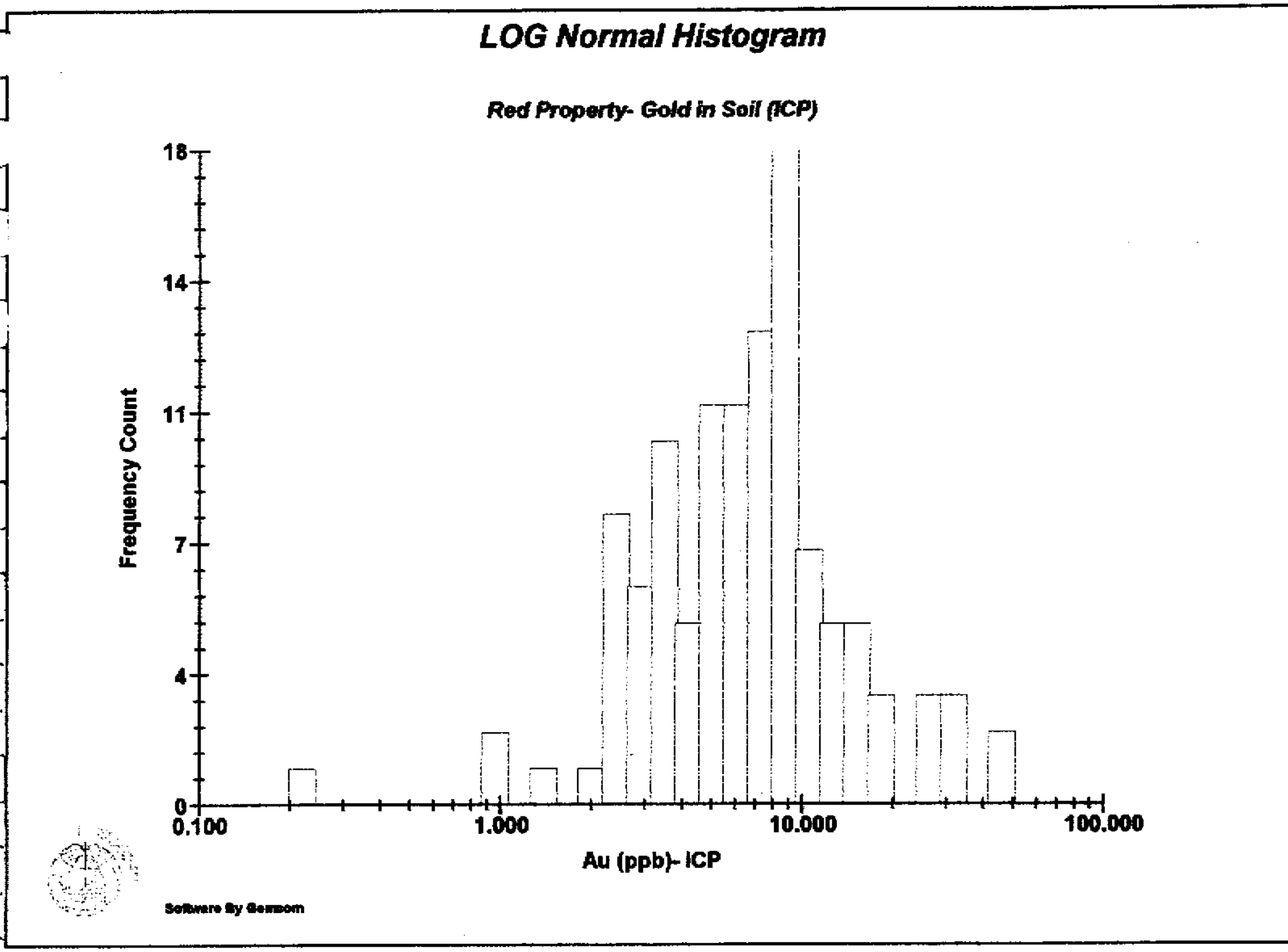
LOG Normal Probability Plot

Red Property ICP K% in Soil




LOG Normal Probability Plot
Red Property ICP As ppm
Probability
100.00
99.74
91.28
50.00
8.72
0.26
0.010
0.100
1.000
10.000
100.000
AS ppm
99
8
95
7.5
90
7
Software By Gemcom


Normal Probability Plot
Red Property ICP As ppm
Probability
100.00
99.74
91.28
50.00
8.72
0.26
0
1.375
2.750
4.125
5.500
6.875
8.250
9.625
11.000
As ppm
90
7
95
8
99
9
Software By Gemcom

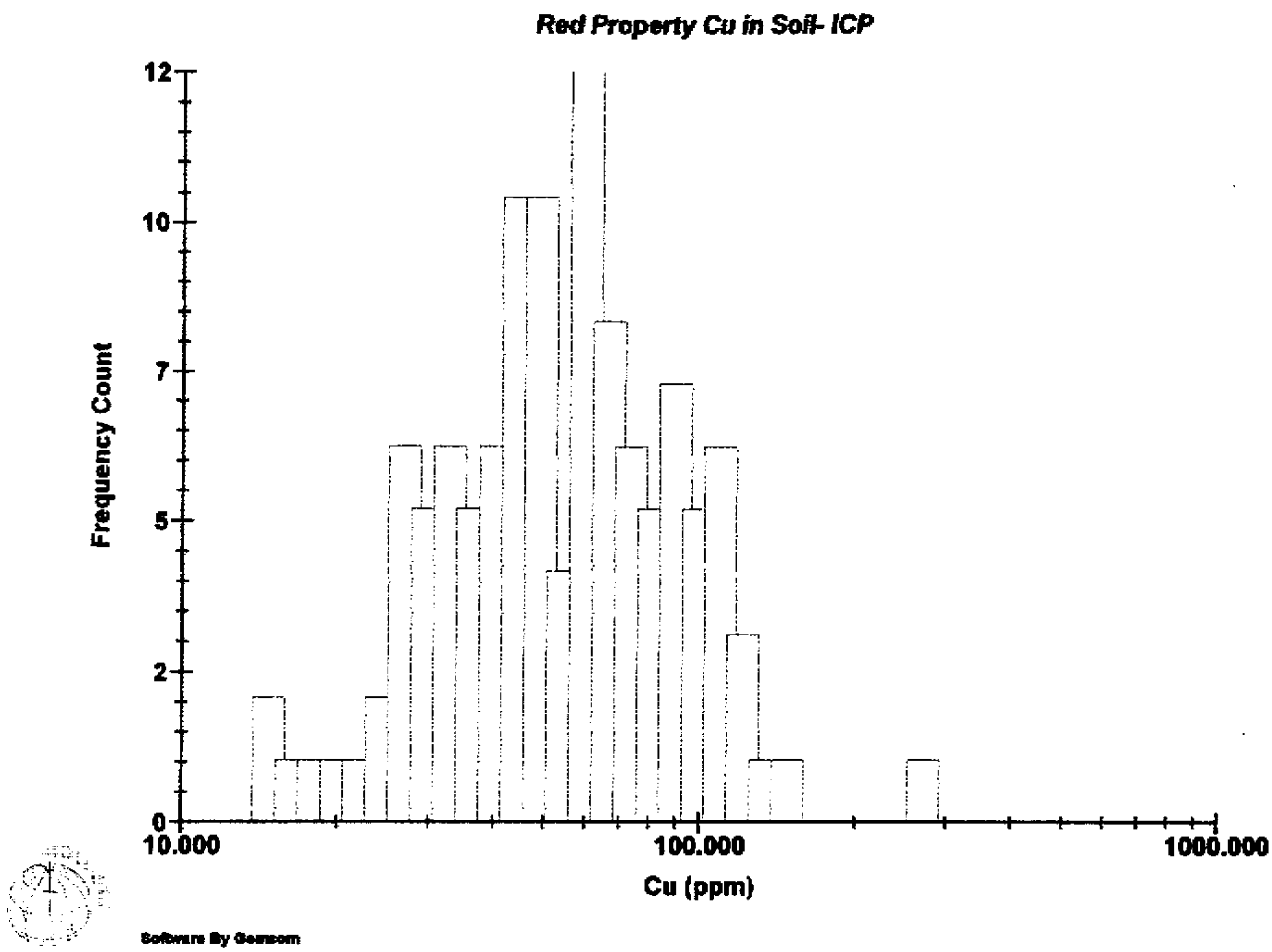


N = 115

$\bar{x}$ = 8.8

STD = 8.2

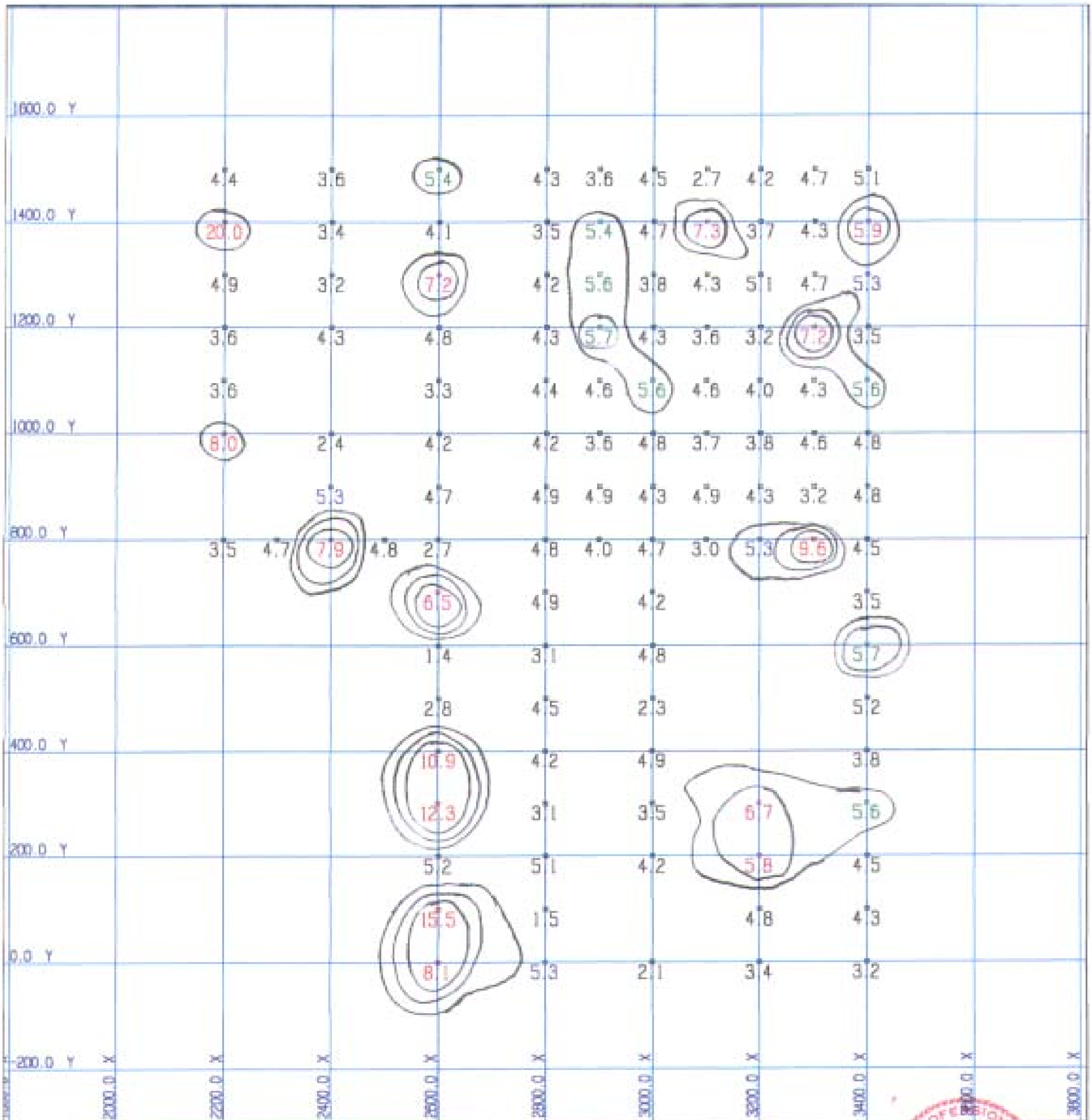
LOG Normal Histogram



APPENDIX C

Geochemical Data Plots

Figures 11 - 23



90% 5.4
95% 5.7
99% 7.5

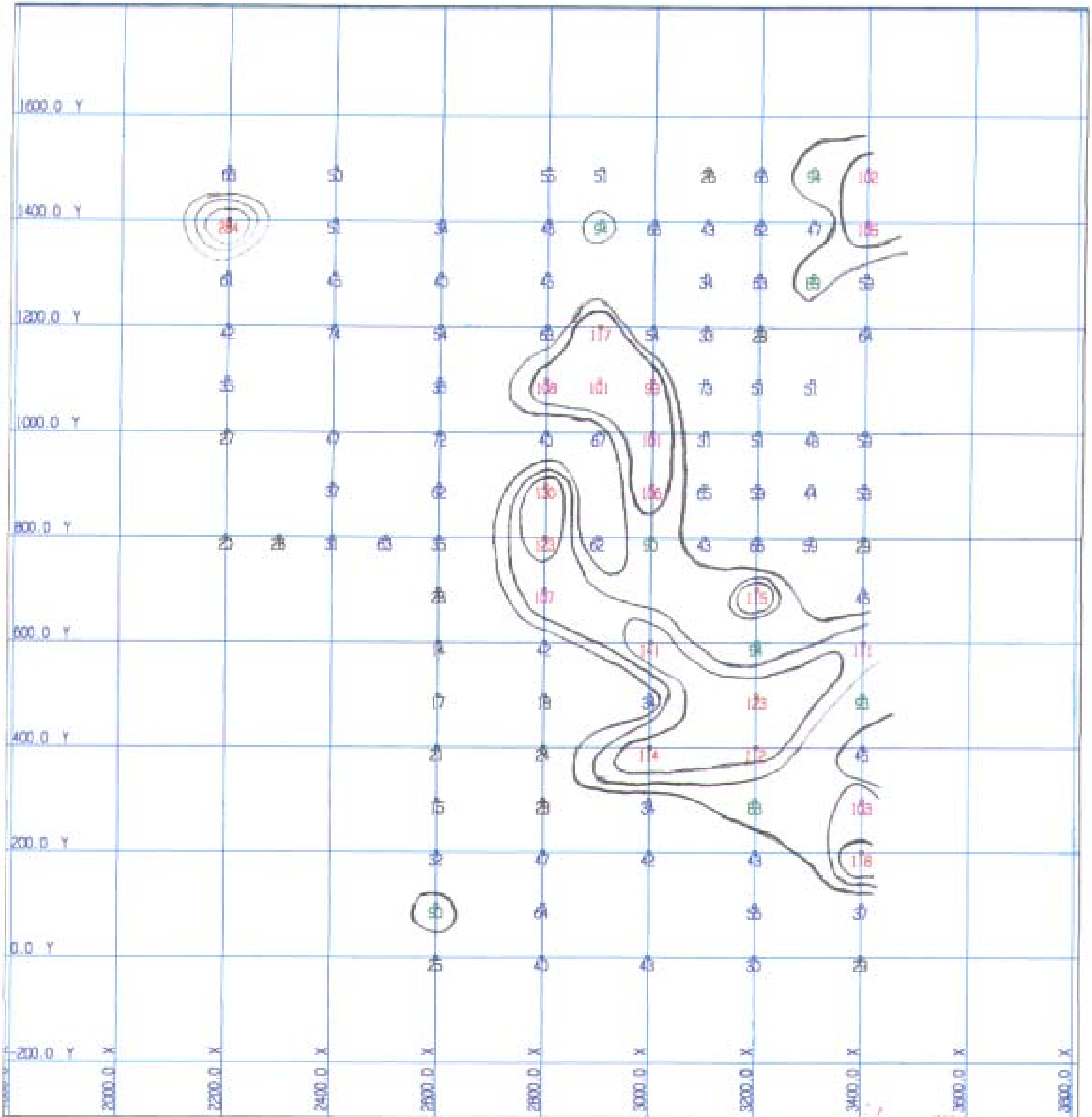
Norian Resources
Vancouver Office
#606 - 6595 Bonsor Avenue
Burnaby, BC
V5H 4G5

UNITS : METRES DATE: 01/10/30 TIME: 11:17:57

Red Property
Soil Geochemistry
Loss on Ignition (%)

FIG. 11.

Software by Gemcom Software International



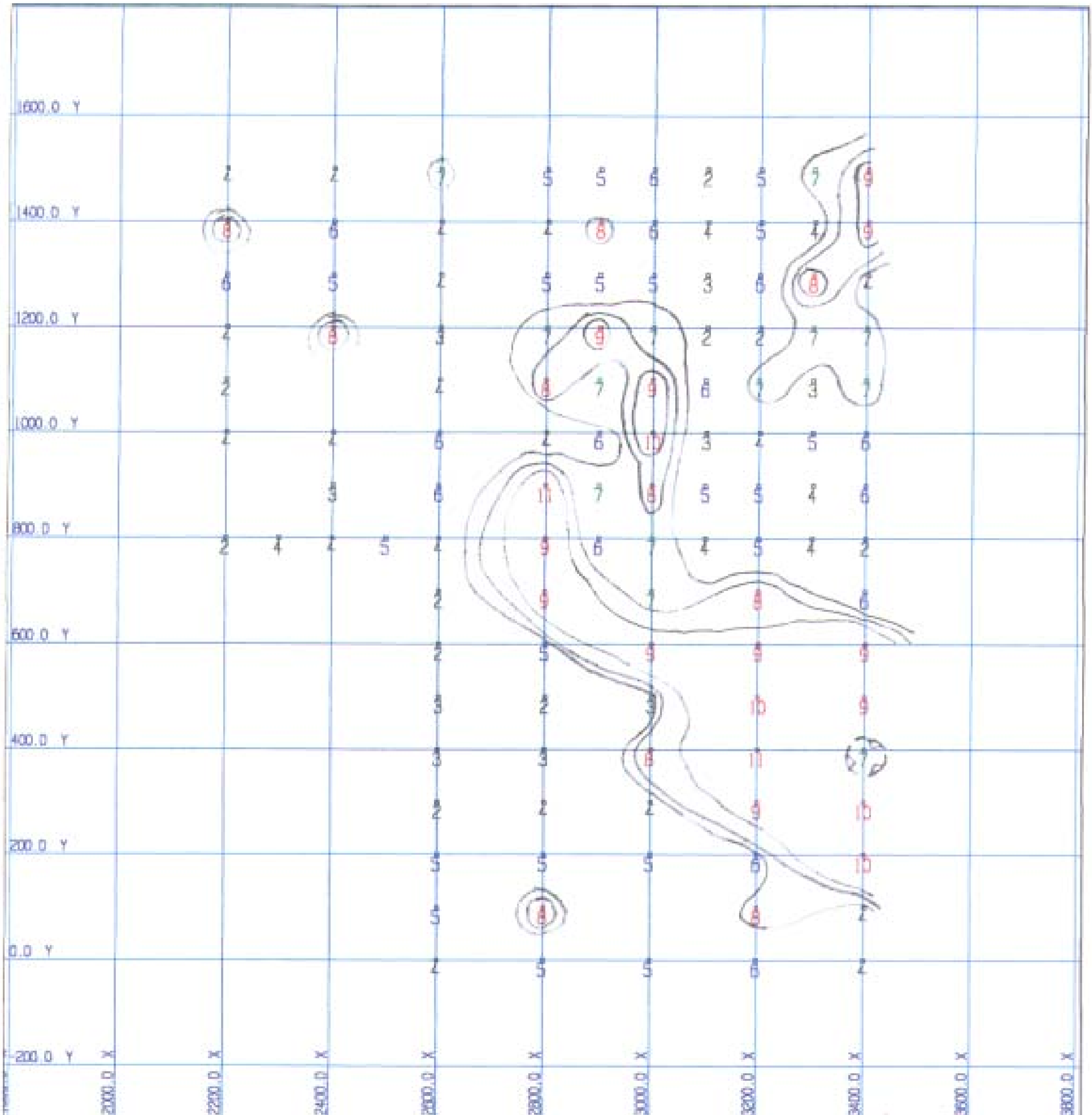
86 - 90%
98 - 95%
112 - 99%

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

Norian Resources Vancouver Office #606 - 6595 Bonsor Avenue Burnaby, BC V5H 4G5	Red Property Soil Geochemistry ICP Cu (ppm)
UNITS : METRES DATE: 02/02/28 TIME: 14:03:21	

FIG. 12

Software by Geosoft Software International

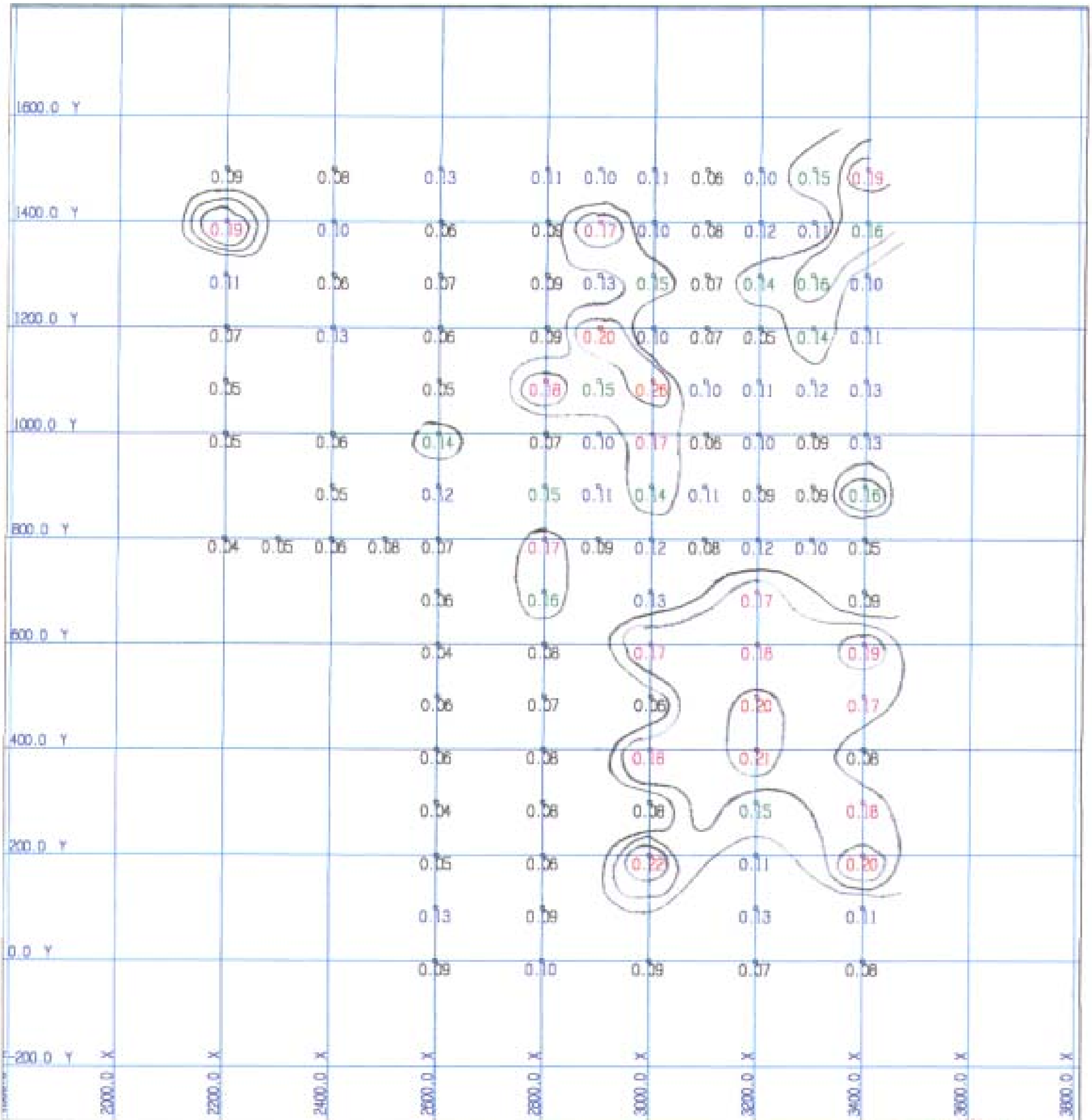


90% 7
95% 8
99% 9

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — D. E. BLANN

Norian Resources Vancouver Office #606 - 6595 Bonsor Avenue Burnaby, BC V5H 4G5	Plan View = Dynamic Soil Geochemistry ICP As (PPM)
UNITS : METRES DATE: 02/03/08 TIME: 21:37:13	FIG. 13

Software by Geosoft Software International



90% 0.14
95% 0.16
99% 0.19

PROFESSIONAL ENGINEER
D. E. BLANN

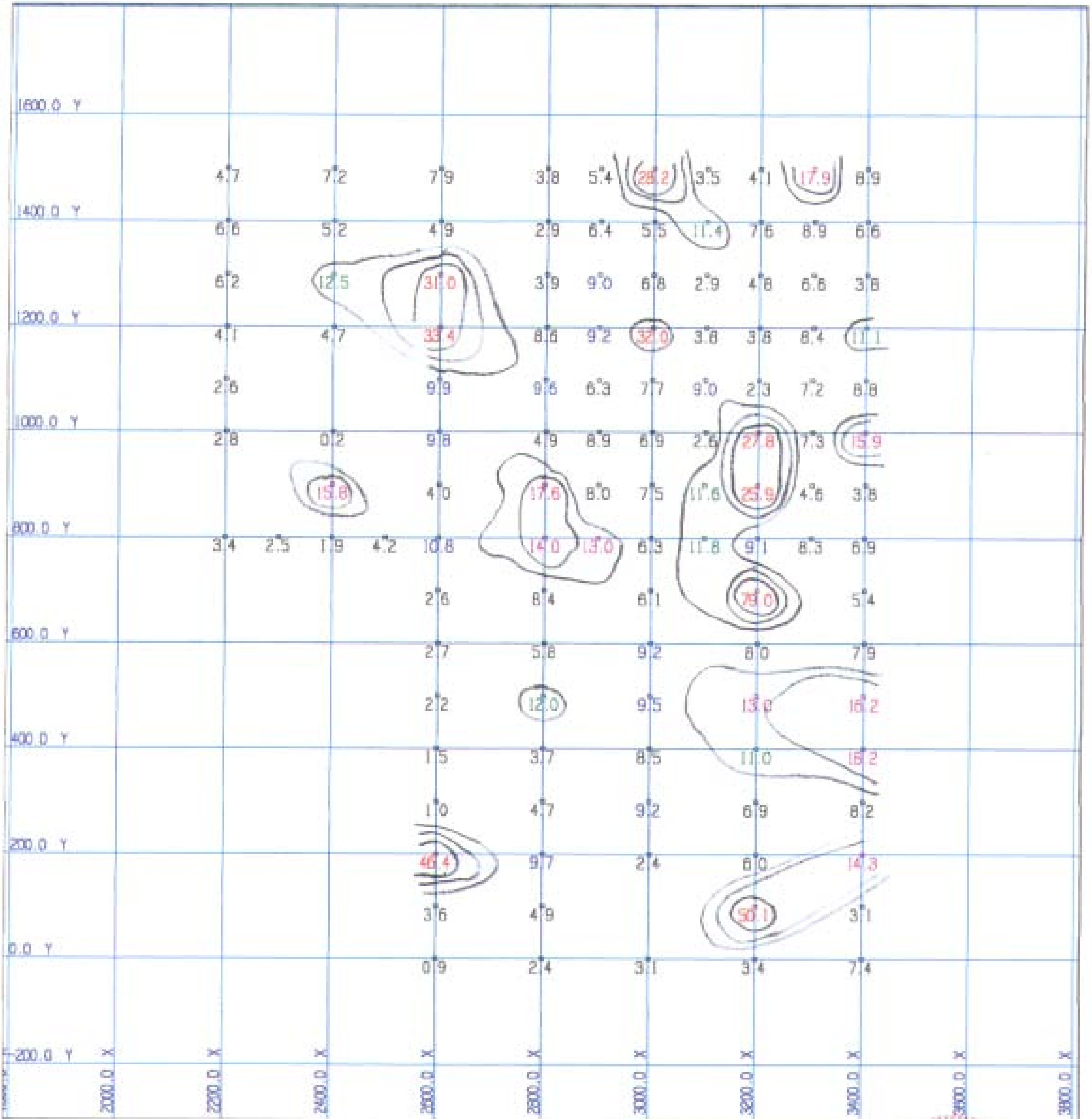
Norian Resources
Vancouver Office
#606 - 6595 Boresor Avenue
Burnaby, BC
V5H 4G5

UNITS : METRES DATE: 02/03/08 TIME: 21:38:41

Red Property
Soil Geochemistry
ICP K [%]

FIG 14

Software by Geosoft Software International



90% 11
95% 13.4
99% 20

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

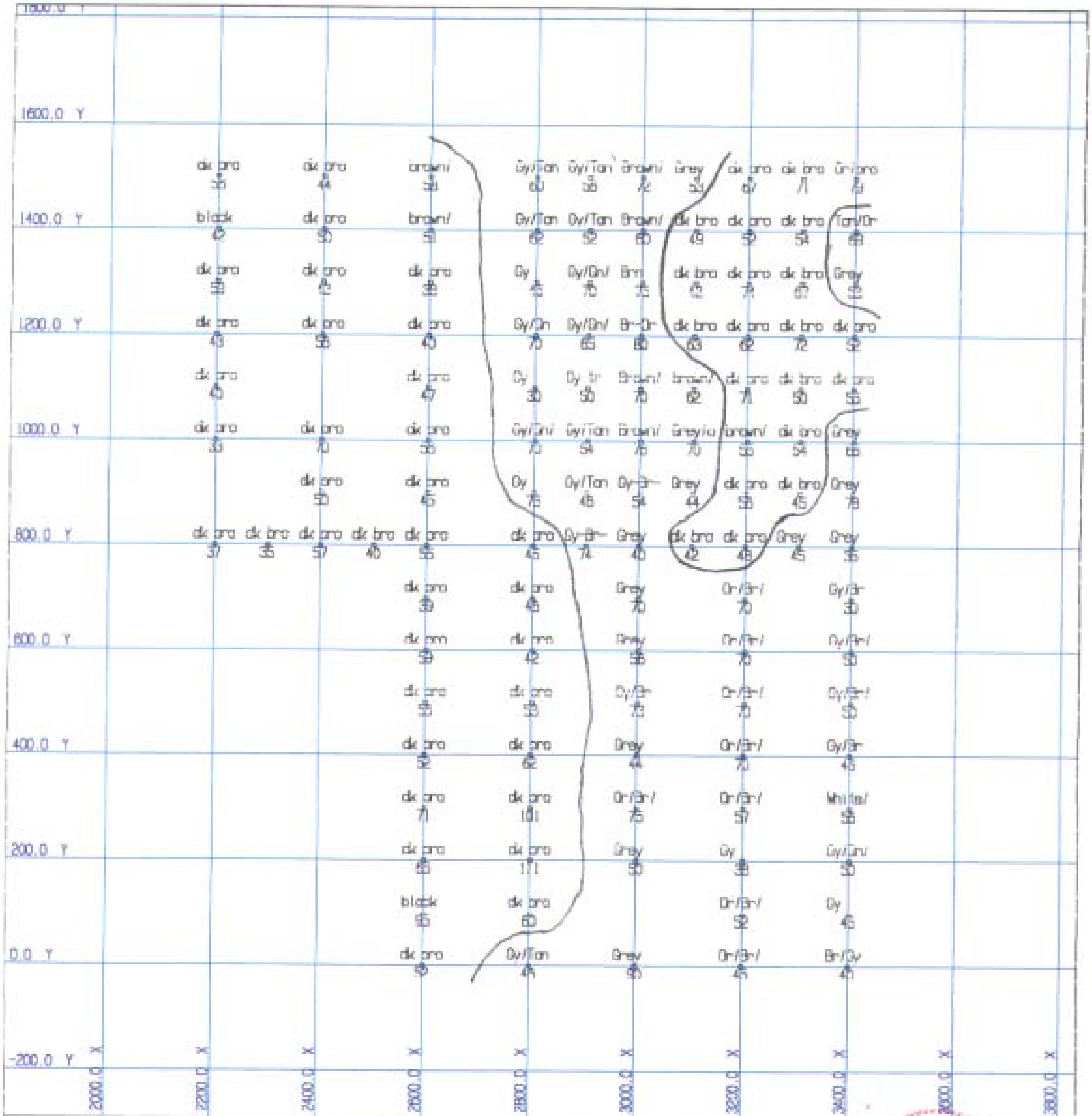
Narian Resources
Vancouver Office
#606 - 6385 Barear Avenue
Burnaby, BC
V5H 4G5

UNITS : METRES DATE: 02/03/08 TIME: 22:08:05

Red Property
Soil Geochemistry
Au ICP-MS (ppb)

FIG 15

Software by Gemcom Software International



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

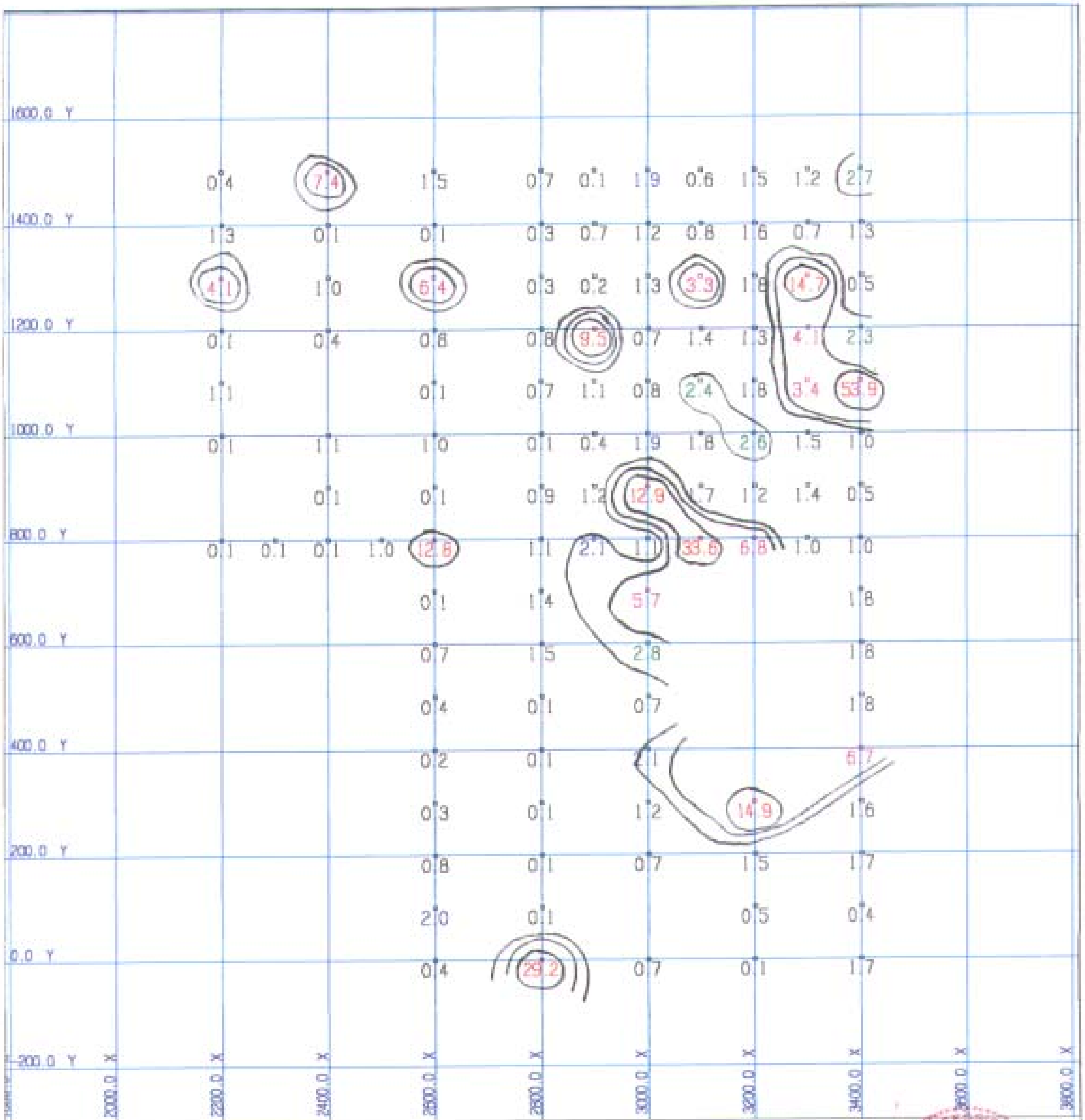
Narian Resources
Vancouver Office
#606 - 6595 Bonsor Avenue
Burnaby, BC
V5H 4C5

UNITS : METRES DATE: 02/03/09 TIME: 16:38:24

Red Property
Soil Geochemistry
Depth/Colour

FIG 16

Software by Gemcom Software International



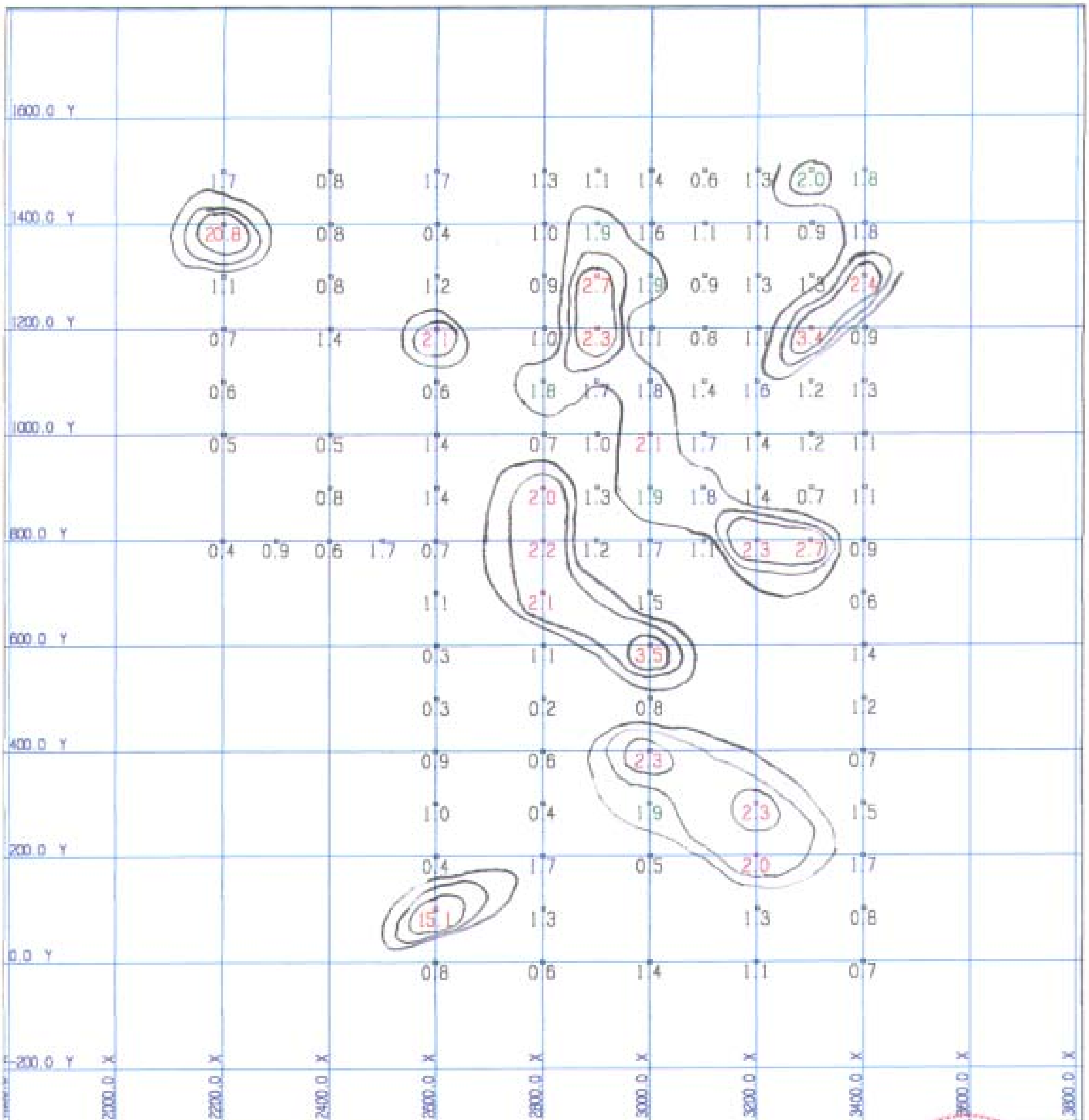
90% 2.1
95% 2.9
99% 8.2

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

Norian Resources Vancouver Office #606 - 6595 Bonsor Avenue Burnaby, BC V5H 4G5	Red Property Soil Geochemistry CN-Leach Au [ppb]
UNITS : METRES DATE: 02/03/06 TIME: 17.07.23	

FIG 17.

Software by Gemcom Software International

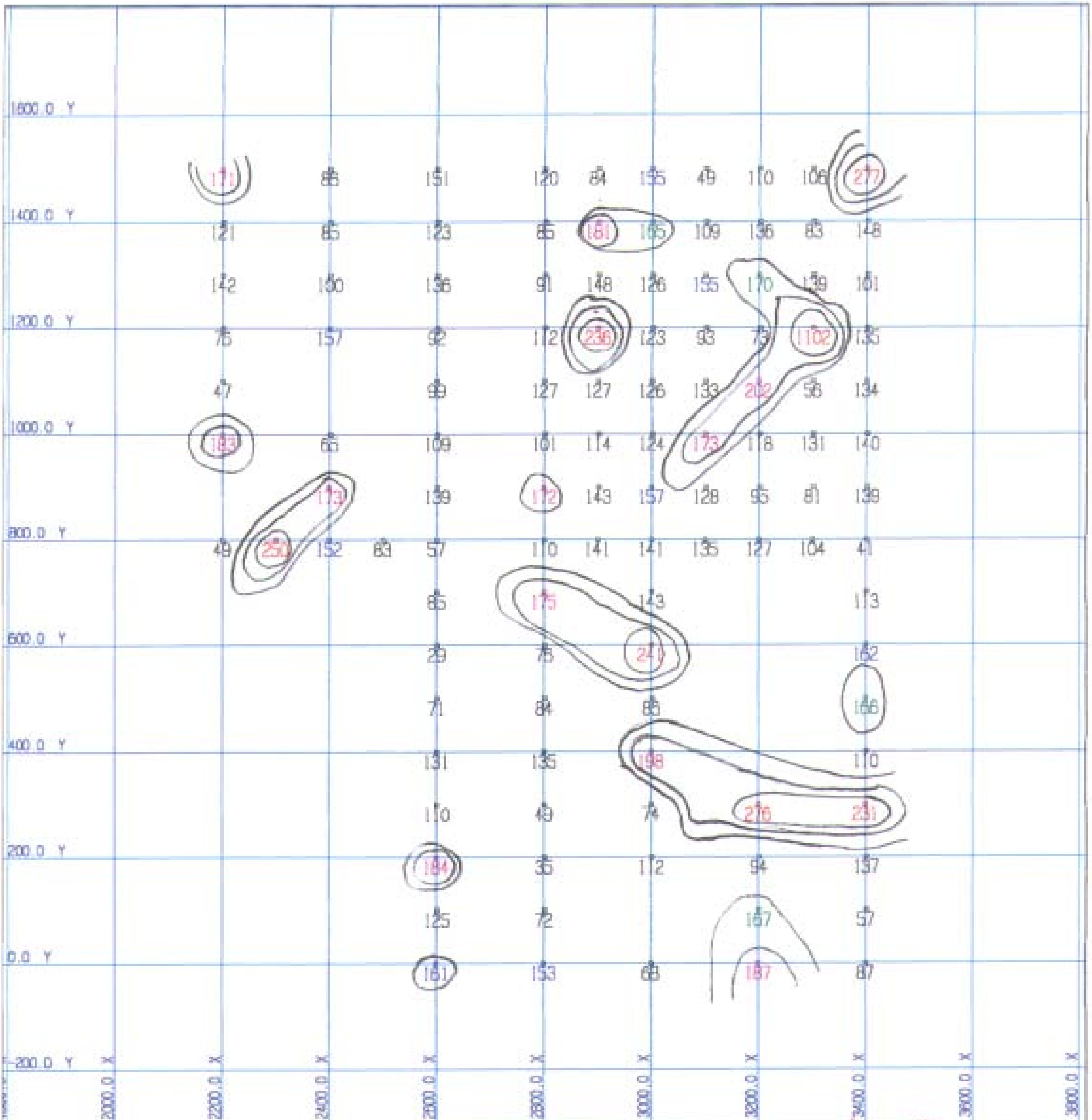


90% 1.8
95% 2.0
99% 2.3

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

Norian Resources Vancouver Office #606 - 6595 Bonsor Avenue Burnaby, BC V5H 4G5	Red Property Soil Geochemistry CN-Leach Cu (PPM)
UNITS : METRES DATE: 02/03/08 TIME: 17.11.22	FIG 18.

Software by Geocom Software International



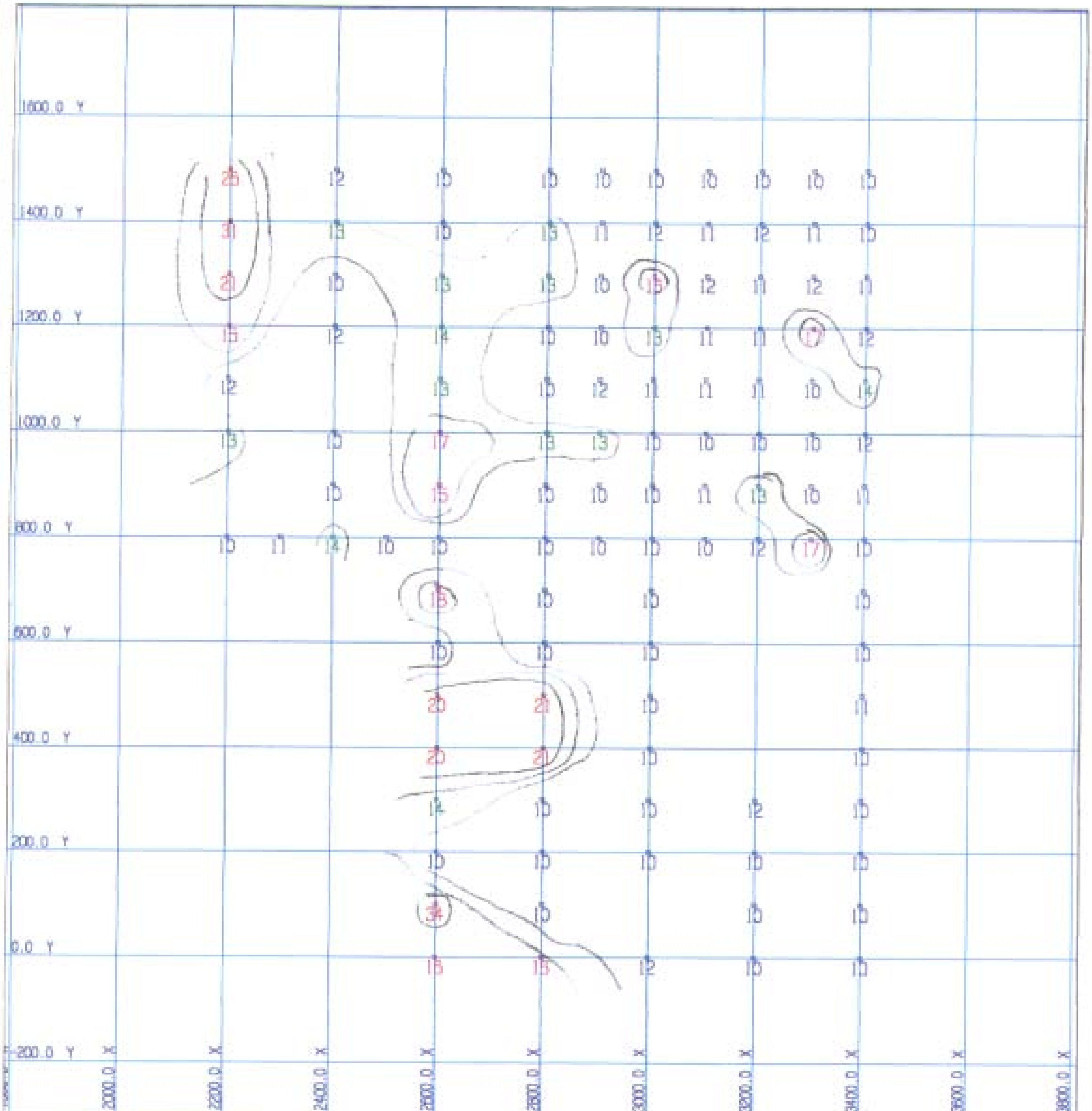
90% 163
95% 171
99% 221

PROFESSIONAL ENGINEER
D. E. BLANN

Norian Resources Vancouver Office #606 - 6595 Bonsor Avenue Burnaby, BC V5H 4G5	Red Property Soil Geochemistry CN-Leach As [ppm]
UNITS : METRES DATE: 02/03/08 TIME: 16:25:26	

FIG 19.

Software by Geosoft Software International



90% 13
95% 15
99% 20

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

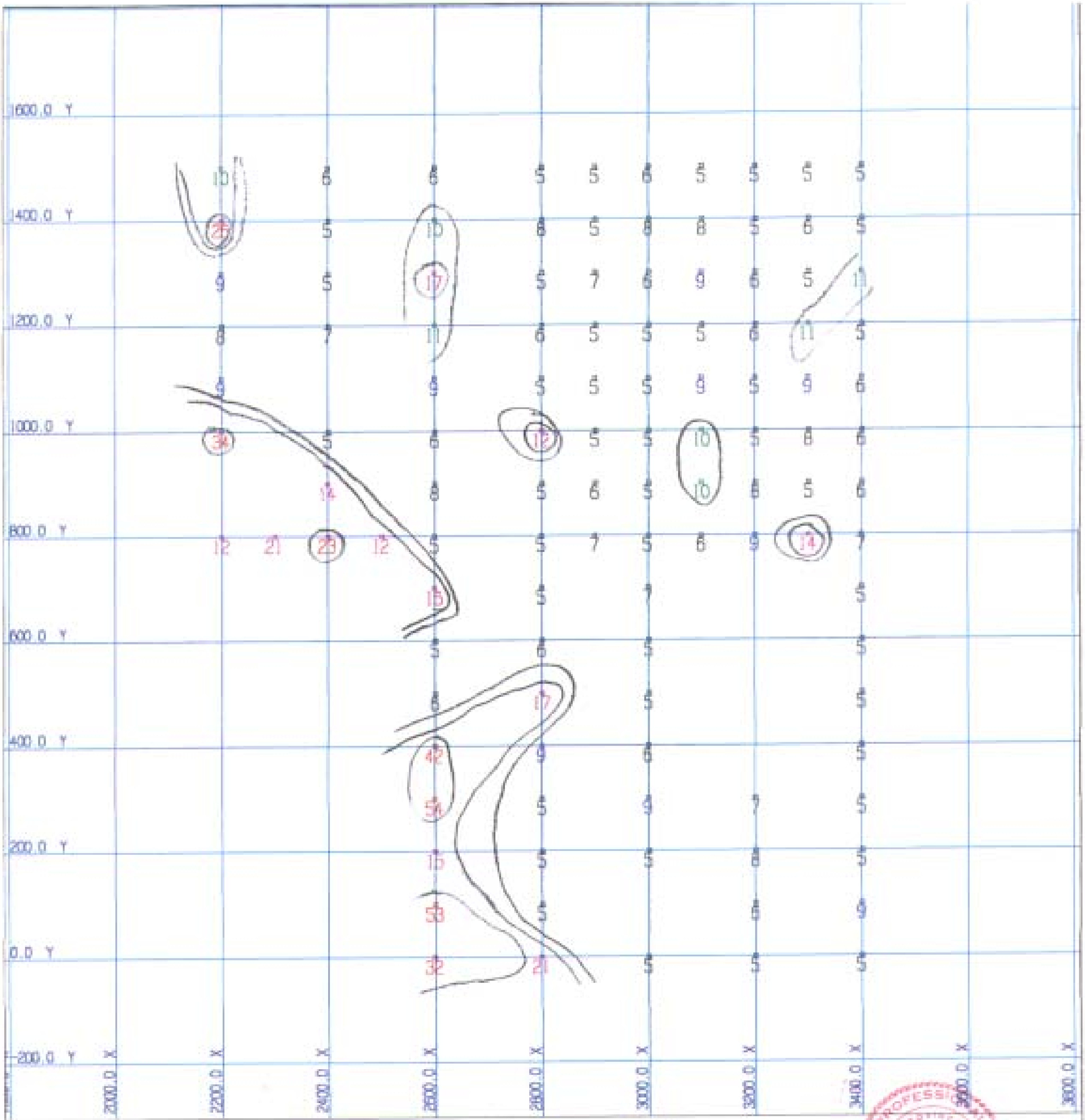
Norian Resources
Vancouver Office
#606 - 6595 Bonsor Avenue
Burnaby, BC
V5H 4G5

UNITS : METRES DATE: 02/03/08 TIME: 18:25:23

Red Property
Soil Geochemistry
CN-Leach K (PPM)

FIG 20.

Software by Gemcom Software International

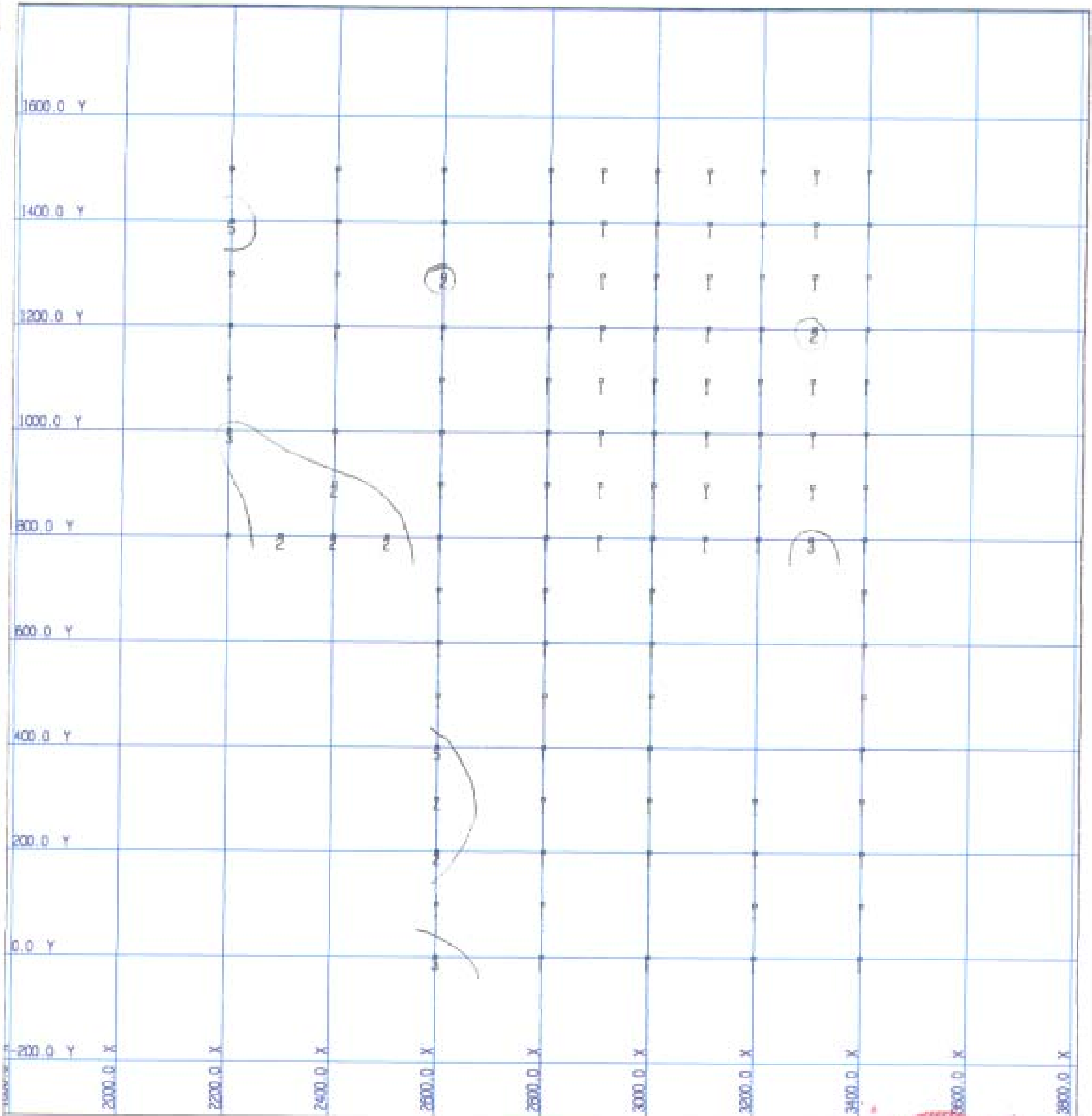


90% 10
95% 12
99% 22

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

Norian Resources Vancouver Office #606 - 6595 Bonsor Avenue Burnaby, BC V5H 4G5	Red Property Soil Geochemistry CN-Leach Mo (PPM)
UNITS : METRES DATE: 02/03/08 TIME: 18:02:17	FIG 21

Software by Geosoft Software International



PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — D. E. BLANN

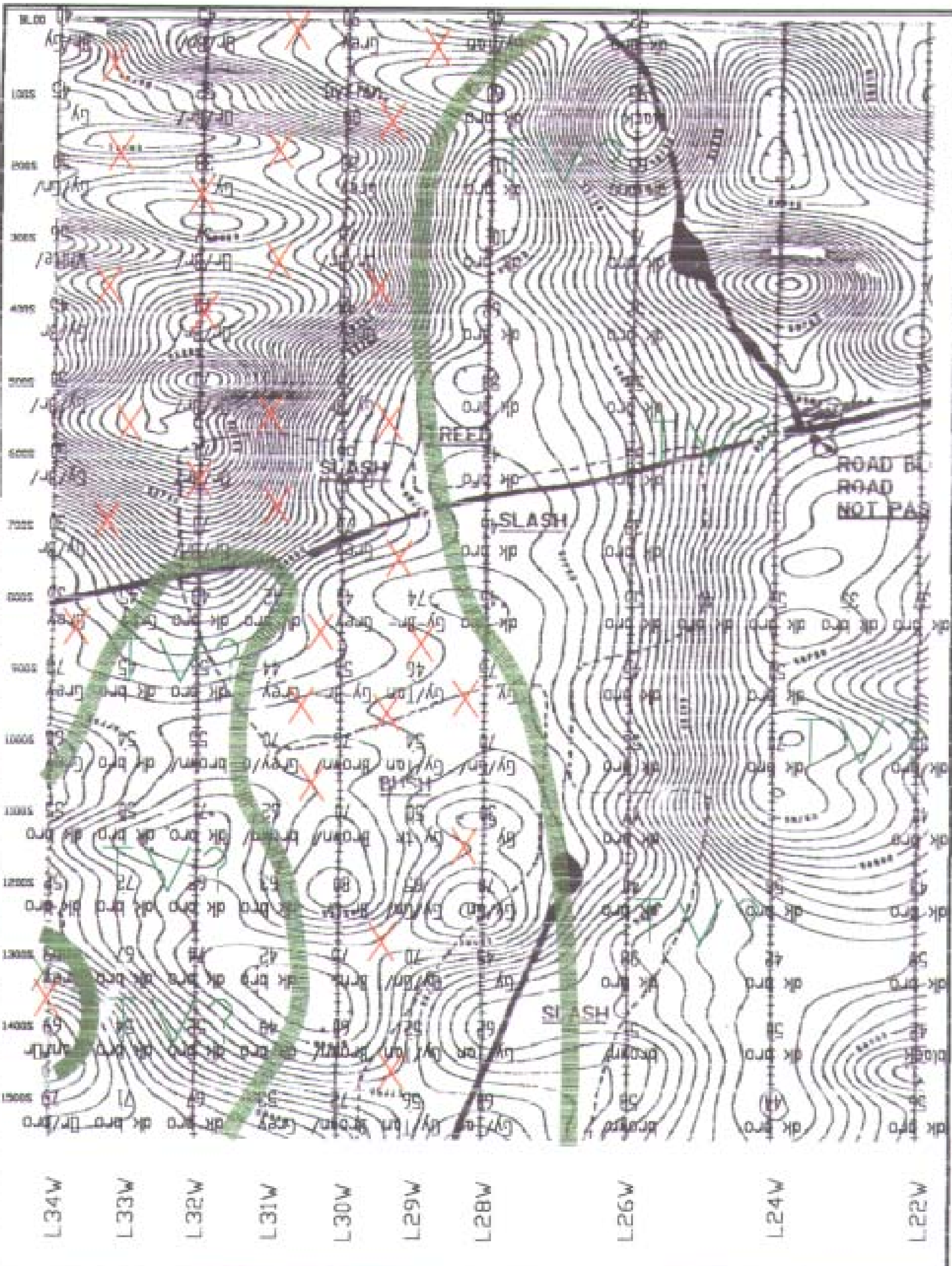
Norian Resources
Vancouver Office
#606 - 6595 Bonsor Avenue
Burnaby, BC
V5H 4C5

UNITS : METRES DATE: 02/03/11 TIME: 21:50:23

Red Property
Soil Geochemistry
CN- Pd (ppb)

FIG. 22

Software by Gemcom Software International



Legend

○ Auger Soil Sample

(120,45) Cu(ppm), Au(ppb)

X Grey-Orange-Brown, FeOx

Soil/ Till Anomalies

99%

95%

90%

Scale: 1:5,000
Metres

Norian Resources Corp.

Red Property
Depth/Color of Till
Ground Magnetic Survey

SCALE: 1:5,000 | DATE: March/98 | DRAWN: DB