Geochemical and Geological Report on the Au and P Claims

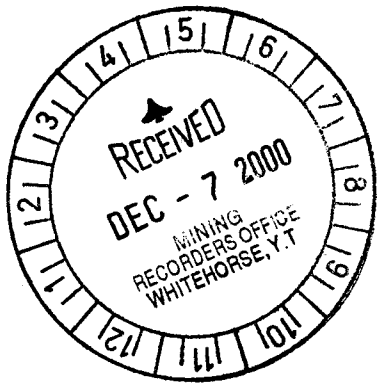
Covering the:
Au 1 –85 incl., P 1-30 incl. and P 35-45 incl.
Claims

Grant Numbers:
YC14738-YC14822 incl., YC14698-YC14727 incl.
and YC147728-YC14737 incl.

on
Claim Sheets 115 N 01

in
Whitehorse Mining District

Longitude 140° 12' N
Latitude 63° 03' N



Owned by
Deltango Gold Limited

Report by

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and
Douglas J. Brownlee

Dec. 5, 2000

Work completed

Aug. 24, 1999 to Sept. 3, 1999

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 $ 23,200.

M. Burke

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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The Au and P Claims

1 Introduction

The Au and P Claims (Figure 1) were staked to cover an area of anomalous Au, As and Sb response on the government regional geochemical survey Geological Survey of Canada, 1986) (RGS) (Figure 2a). The regional mapping suggested the response was either coming from a sequence of schist and gneiss in contact with the mid-Cretaceous Dawson Range Batholith (formerly referred to as the Klotassin Batholith and thought to be late-Triassic or early-Jurassic (Tempelman-Kluit, 1974)) or from a small area of flat lying upper Cretaceous Carmacks volcanics capping the highest mountain.

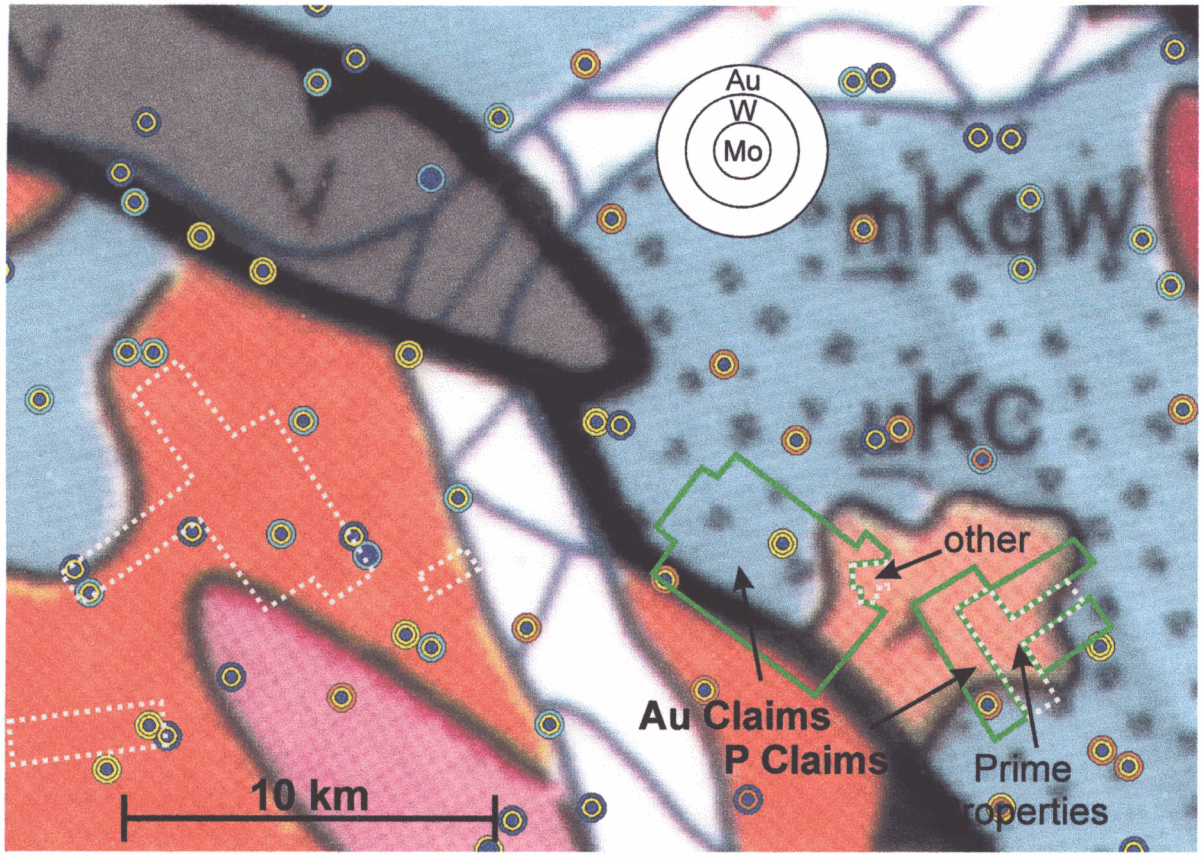
2 Location and Access

The Au and P claims are located 374 km. northwest of Whitehorse and 116 km. south southwest of Dawson in the west central part of the Yukon Territory (Figure 1). The claims are on N.T.S. sheets 115-N-01 centered on latitude 63° 03' N and latitude 140° 11' W. The claims are on the northwest end of the Dawson Range between the Yukon River and the White River. Named streams draining the area of the claims include, from east to west, an east flowing tributary of Coffee Creek, Halfway Creek, Dan Man Creek, Independence Creek and Carlisle Creek.

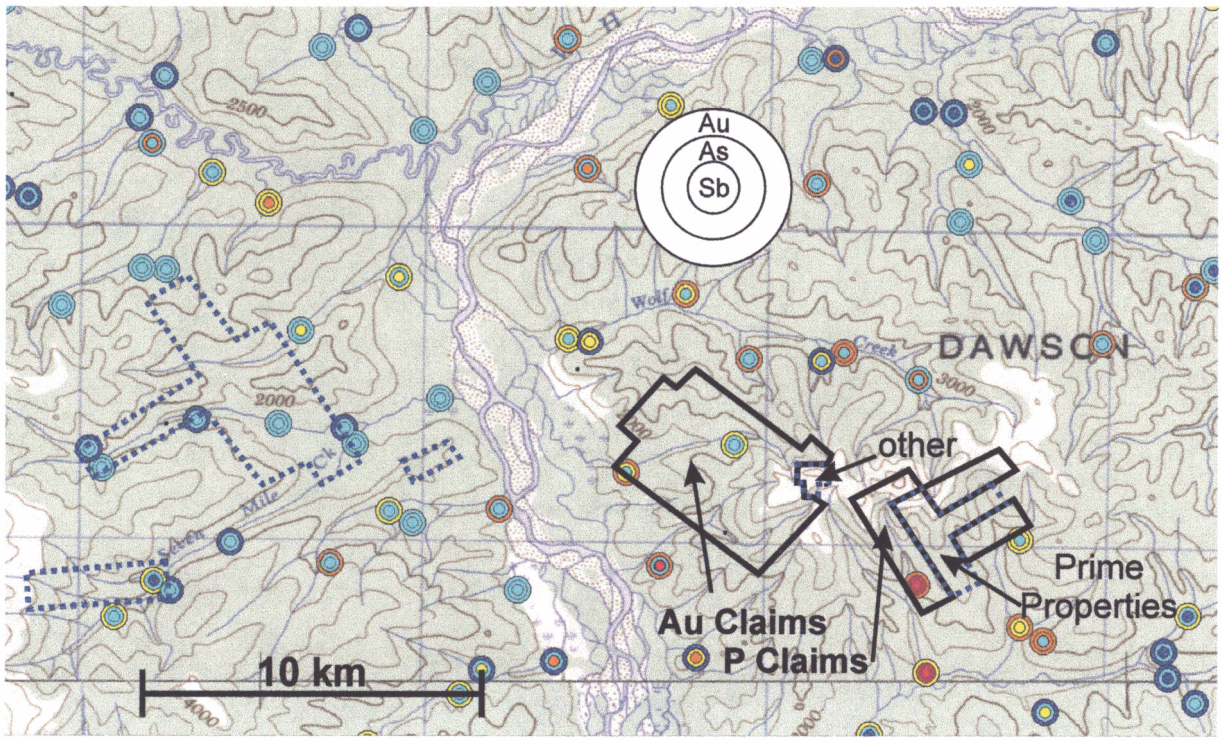
Access is most conveniently by helicopter from Dawson or Whitehorse (Figure 3). Access can also be gained by fixed wing aircraft to several nearby airstrips including that at on the Longline property 42 km. to the west then by helicopter to the claims. Access can also be gained to the vicinity of the claims by small boat along the Yukon River and White Rivers from Minto Landing (236 river km. upstream) or Dawson (169 river km. downstream) although the White River is difficult to navigate due to its shallow murky water.



Figure 1 Map of Yukon showing the location of Deltango Gold Limited's properties.



A)



B)

Figure 2a Regional data for the Au and P claims and vicinity in the White River area. A) shows the geology from the Tectonic Assemblage Map (Wheeler & McFeely, 1991) along with Au, W, Mo thematics for RGS data (red shades = Dawson Range Batholith, blue = schist gneiss unit and uKC = Carmacks Volcanics). B) shows topography and Au, Sb, As thematics for RGS data. The dotted outline shows the land holdings of others in the vicinity. Values for colour ranges for RGS data are as shown in Figure 2b.

Yukon stream sediment thematic scale (log normalized)

	Au ppb	As ppm	Ag ppm	W ppm	Sb ppm	Pb ppm	Mo ppm
>2 std above mean	20.9 to 2510	20.1 to 11200	0.36 to 6.3	4.87 to 90	1.67 to 170	31.56 to 694	3.17 to 94
1 to 2 std above mean	7.5 to 20.9	9.4 to 20.1	0.24 to 0.36	2.93 to 4.87	0.96 to 1.67	13 to 31.56	2 to 3.17
mean to 1 std	2.1 to 7.5	4.1 to 9.4	0.13 to 0.24	1.62 to 2.93	0.44 to 0.96	5.36 to 13	
detection to mean	1 to 2.1	0.5 to 4.1		1 to 1.62	0.1 to 0.44	2 to 5.36	1 to 1.25
Below detection							
No analysis							

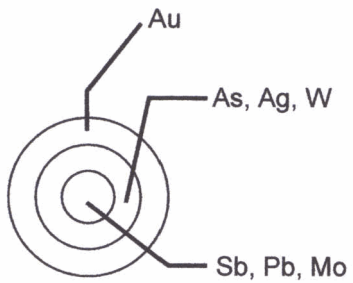


Figure 2b The colour scheme for the nested geochemical symbols in Figure 2a. These values are based on a statistical analysis of the regional geochemical data within the Project Area.

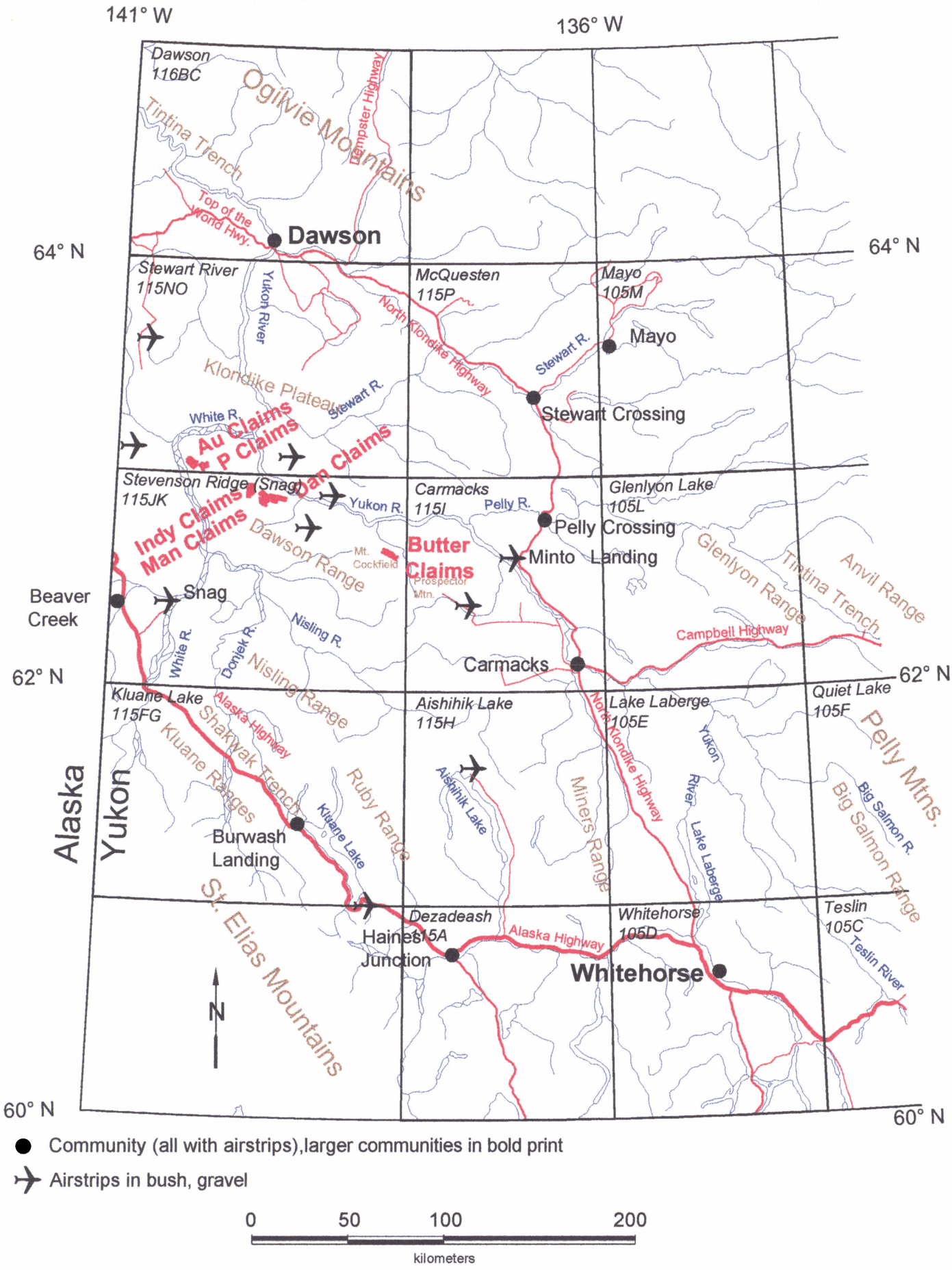


Figure 3 Location of Deltango claims (in red) relative to major transportation arteries of the southwest Yukon.

3 Claims

The Au and P property consisted of 125 claims at the start of field work. All claims are located in the Whitehorse Mining District. Figure 4 is a map of the claim block based on the government claim sheet 115N01 at the start of field work. Figure 5 shows a revised location based on locating some claim posts during the field work. Two things are worthy of note in comparing Figures 4 and 5, first, the Au claims are actually over 3 claim lengths further northwest on Figure 5 and, second, the topography on the claim sheet has only a slight correspondence to the more modern mapping on figure 5 (from the 1:50,000 EMR topographic mapping).

Table 1. List of Claims prior to field work

Claim Names & Numbers	Grant Numbers	# of Claims	Expiry Dates	Claim Sheets
Au 1-85 incl.	YC14738-YC14822 incl.	85	June 10, 2000	115N01
P 1-30 incl.	YC14698-YC14727 incl.	30	June 10, 2000	115N01
P 35-44 incl.	YC14728-YC14737 incl.	10	June 10, 2000	115N01

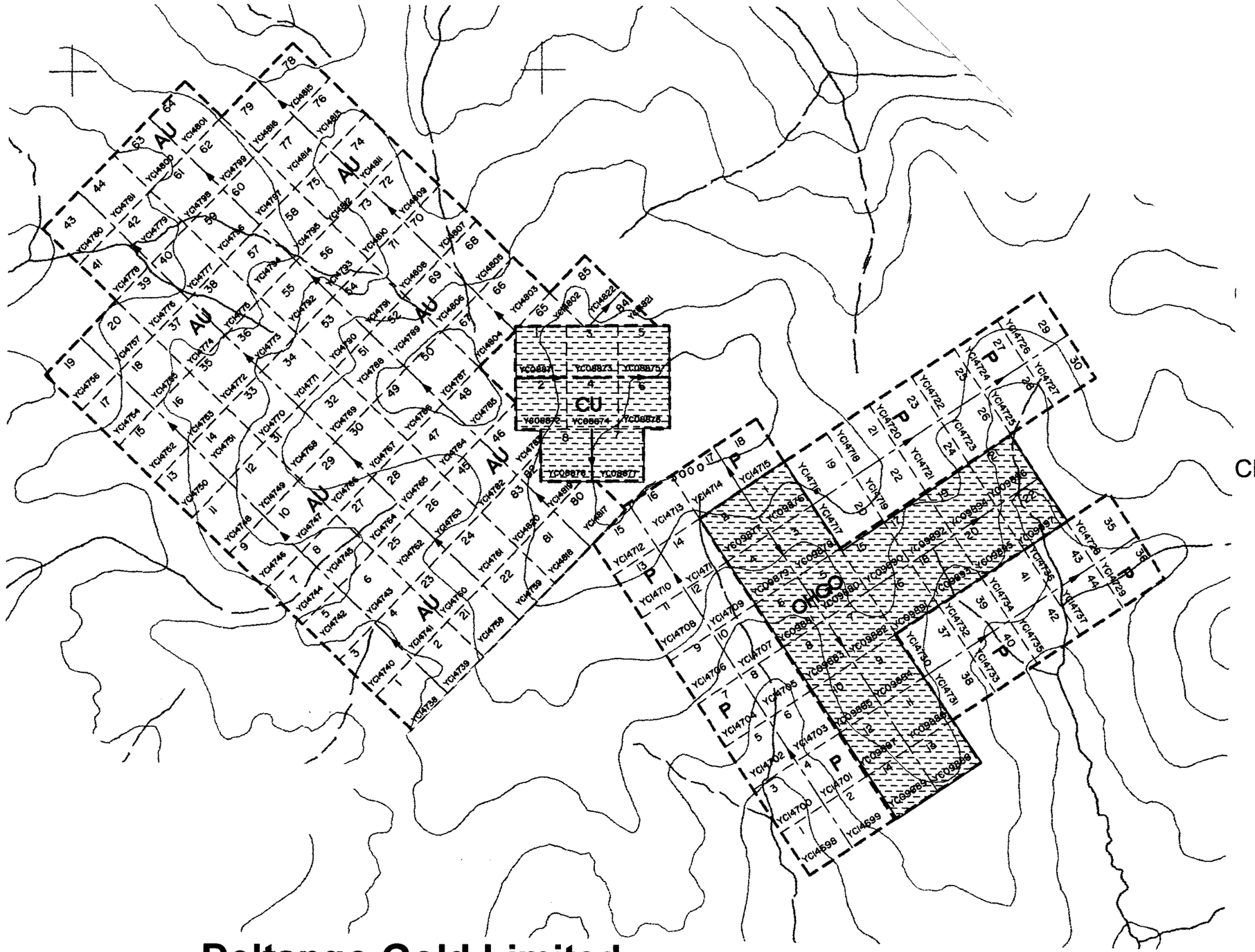
The work described in this report has been filed as assessment work in varying amounts on all of the Au and P claims. Table 2 lists the new expiry dates and the number of years requested. Figure 6 and 7 are maps showing the new expiry dates. Note that figure 6 also shows the new Au claims (with expiry date of April 20, 2001) staked after the field work was completed but no work was filed on those claims and they were not used for grouping.

Appendix A presents a summary of expenses for the field work (Table A1). The work has been allocated to claim block based on sample counts for geochemical expenses or time spent on the claims for labor and other field expenses or by specific applicable invoices in the case of helicopter and fixed wing charter costs (Table A2). The total field work cost allocated to the Au and P claims area is $30,020 of which about 2/3 was for work on and near the claims for a total of $23,489 including initial report preparation.

Table 2. List of Claims following filing assessment work

Claim Names & Numbers	Grant Numbers	# of Claims	Years Requested	Expiry Dates	Claim Sheets
P 1 - P 30 incl.	YC14698-YC14727 incl.	30	2	6/10/02	115N01
P 35 - P 44 incl.	YC14728-YC14737 incl.	10	2	6/10/02	115N01
Au 1 - 8 incl.	YC14738 - YC14745 incl.	8	3	6/10/03	115N01
Au 9 - 12 incl.	YC14746 - YC14749 incl.	4	2	6/10/02	115N01
Au 13 - 20 incl.	YC14750 - YC14757 incl.	8	1	6/10/01	115N01
Au 21 - 28 incl.	YC14758 - YC14765 incl.	8	3	6/10/03	115N01
Au 29 - 32 incl.	YC14766 - YC14769 incl.	4	2	6/10/02	115N01
Au 33 - 44 incl.	YC14770 - YC14781 incl.	12	1	6/10/01	115N01
Au 45 - 48 incl.	YC14782 - YC14785 incl.	4	3	6/10/03	115N01
Au 49 - 52 incl.	YC14786 - YC14789 incl.	4	2	6/10/02	115N01
Au 53 - 55 incl.	YC14790 - YC14792 incl.	3	1	6/10/01	115N01
Au 56	YC14793	1	2	6/10/02	115N01
Au 57 - 65 incl.	YC14794 - YC14802 incl.	9	1	6/10/01	115N01
Au 66, 67.	YC14803, YC14804	2	2	6/10/02	115N01
Au 68 - 70 incl.	YC14805 - YC14807 incl.	3	1	6/10/01	115N01
Au 71	YC14808	1	2	6/10/02	115N01
Au 72 - 79 incl.	YC14809 - YC14816 incl.	8	1	6/10/01	115N01
Au 80 - 83 incl.	YC14817 - YC14820 incl.	4	3	6/10/03	115N01
Au 84	YC14821	1	2	6/10/02	115N01
Au 85	YC14822	1	3	6/10/03	115N01

Total costs have been cast in terms of a cost per geochemical sample regardless of sample type for the calculation of the distribution of work. Only expenses for the work done on the claims or in the near vicinity of them is included as assessment work per section 54(2) of the Yukon Quartz Mining Act. The area included as the "near vicinity" is indicated by a shaded area on Figures A-1 and A-2 in Appendix A.. For he purposes of calculation of work distribution samples near the claims have been allocated to a nearby claim as shown by the arrows on Figures A-1and A-2. The locations of samples collected, regardless of type, is shown by small diamond symbols and the cost attributed for the samples on a claim is also shown on Figures A-1 and A-2; this is the basis for grouping for assessment filing.

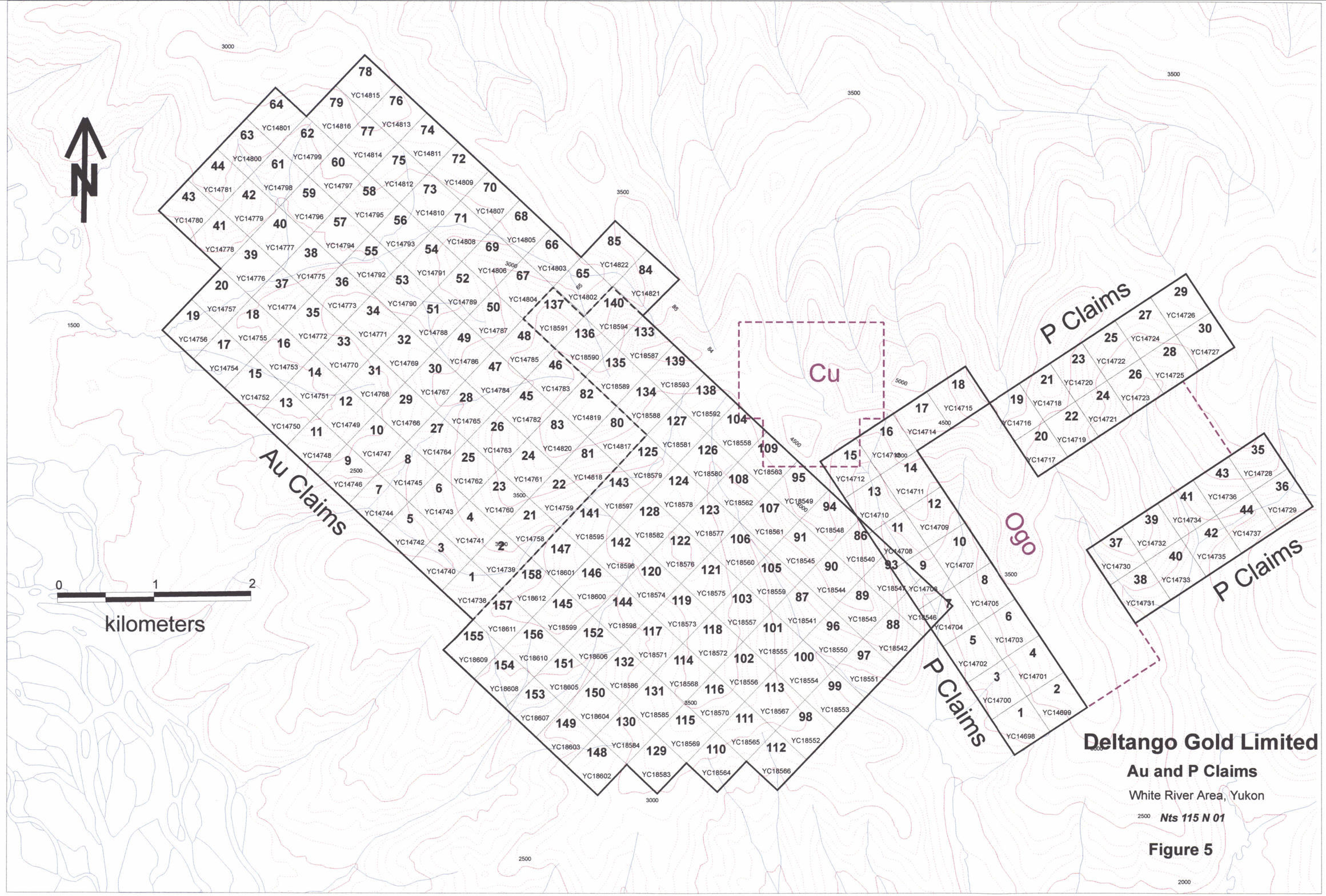


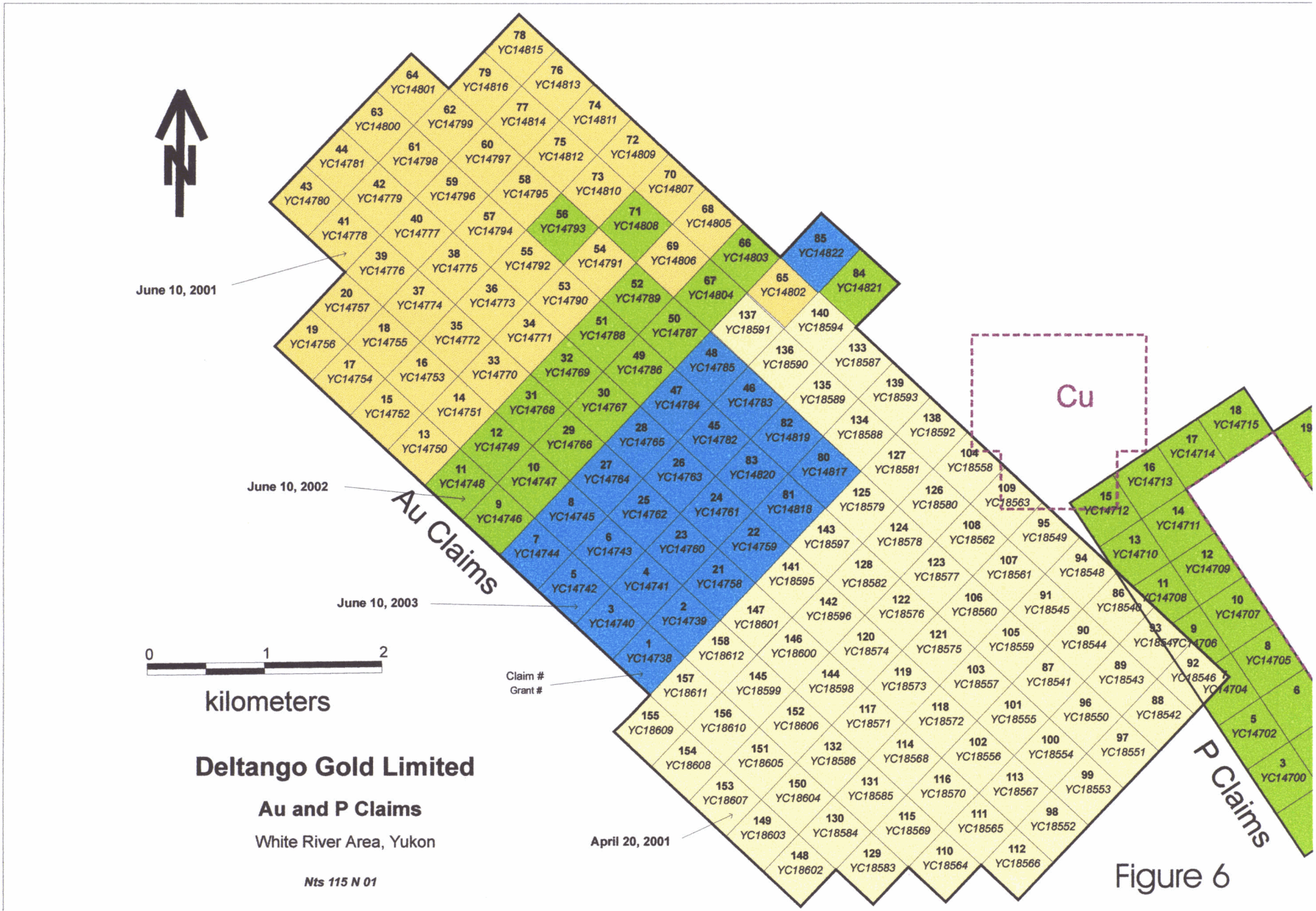
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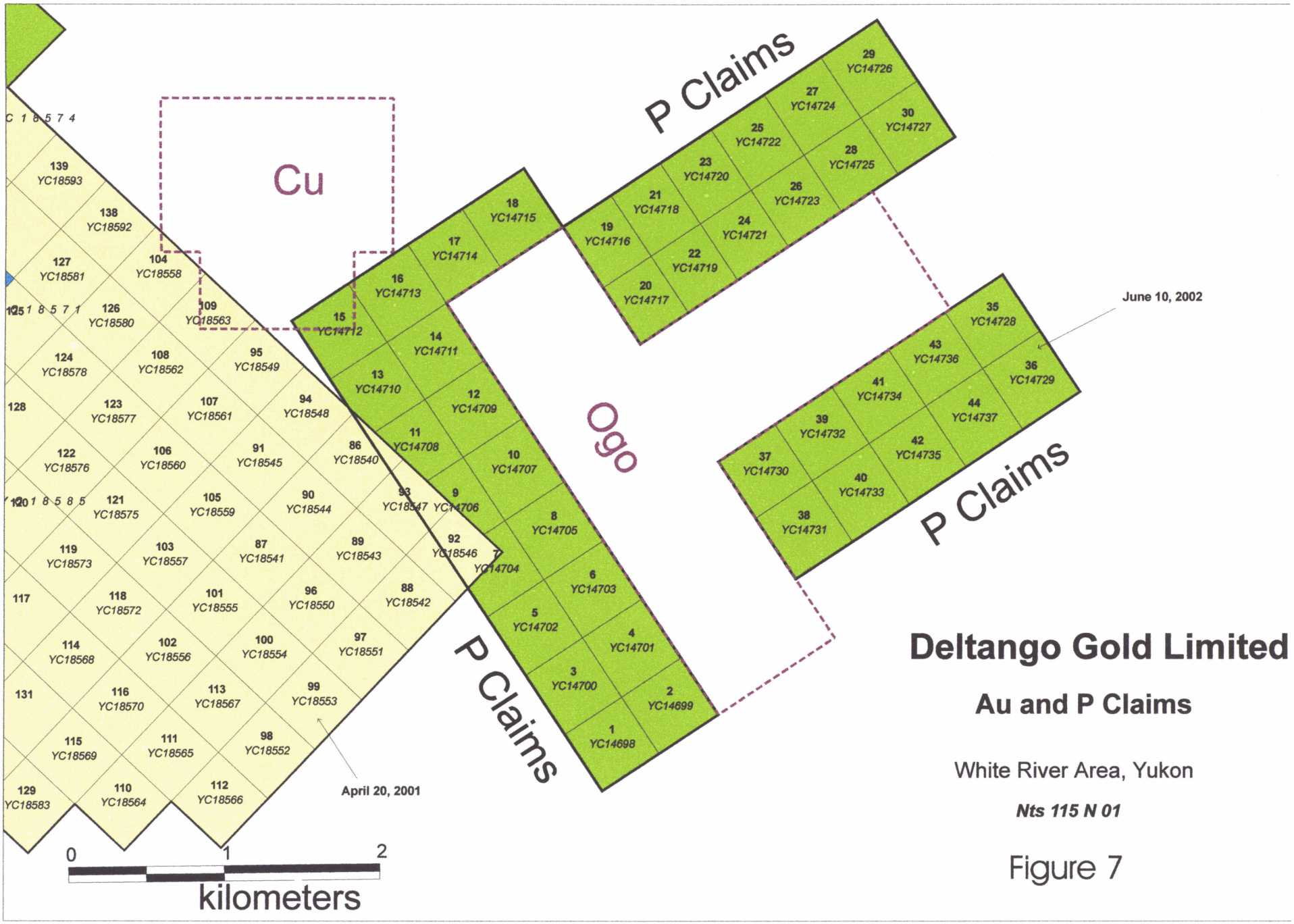
Au and P Claims -- Whitehorse Mining District, Yukon

NTS Sheet 115 N 01

Figure 4


N
Au Claims
P Claims
Cu
Ogo
P Claims
P Claims
0
1
2
kilometers
Deltango Gold Limited
Au and P Claims
White River Area, Yukon
Nts 115 N 01
Figure 5


N
June 10, 2001
June 10, 2002
June 10, 2003
Au Claims
Cu
P Claims
0
1
2
kilometers
Claim #
Grant #
April 20, 2001
Deltango Gold Limited
Au and P Claims
White River Area, Yukon
Nts 115 N 01
Figure 6



Deltango Gold Limited

Au and P Claims

White River Area, Yukon

Nts 115 N 01

Figure 7

The expenses for samples collected on other claim blocks due to initial uncertainty of claim location or in areas far enough from the claims so their results are not relevant to the claims have not been included in the calculation of assessment work.

4 Previous Work

According to Minfile the area has been staked several times in the last 3 decades. First staking was of the Aires claims by Quintana Minerals in 1969. Quintana carried out soil sampling, geological mapping and bulldozer trenching in 1970. That work identified porphyry style mineralization on the claims but the results apparently did not warrant further follow-up. About the same time the Libra claims were staked to the west and in 1970 an airborne magnetometer survey was flown on those claims.

Parts of the area were re-staked in 1975 and again in 1994 but there is no record of work at that time.

5 Field Work

The crew moved to the property on Aug 24th and demobilized on September 3rd, the end of the field season. There were 174 samples collected as follows:

Conventional Silt Samples:	43 samples
Pan Concentrate Samples:	68 samples
Soil Samples:	37 samples
Rock Samples:	26 samples

Work was conducted from three fly camps.

Field reconnaissance of the claim blocks was carried out by a crew of two samplers and one geologist. The work carried out consisted mainly of conventional stream sediment and pan concentrate sampling. This first pass drainage sampling was intended to

outline areas requiring more detailed sampling or follow-up soil sampling later. A geologic reconnaissance of each area was also carried out along with limited prospecting by the geologist and samplers while traversing. Selected soil traverses were completed in areas of interest as time permitted.

5.1 Field Methods

The field methods followed were based on the successful and proven methodologies used in Alaska in the search for similar targets in comparable terrain and climate. All sample sites were marked in the field with flagging and aluminum tags stapled to a nearby tree, bush or post. Most sample locations were recorded by GPS supported by map and compass methods using a 1:50,000 topographic map. Locations are considered accurate to 20 to 50 metres.

5.1.1 Conventional stream sediment sampling

Approximately 250 gm. of stream sediment from the active stream bed (where possible) was collected by hand and placed in a Kraft paper bag. The bag was dried at ambient temperature but no further processing was done in the field. Observations were recorded at each sample site to characterize the stream type, size, setting, gradient and flow conditions, sediment type, size and colour, pH and conductivity, water colour, existence of precipitates or organics.

5.1.2 Pan Concentrate Sampling

Approximately 10 pounds (three gold pans) of minus 10 mesh stream sediment were dug from the active stream channel by shovel then screened to minus 10 mesh and panned down to approximately one pound of sediment. The pan concentrate was placed in a zip lock plastic bag and no attempt was made to dry it. In collecting the sample particular care was taken in digging the material to avoid unnecessary agitation of the sediment before screening. After panning was complete considerable care was

taken to ensure that all material from the pan, especially the finest fraction, was collected in the bag. Similar records of observations noted above for silt sampling were made at the pan concentrate sample sites. In general a pan concentrate and conventional silt sample were collected together.

5.1.3 Soil Sampling

Soil sample collection utilized a 2 to 3 hp. power auger with up to two 1.5 m auger flights of approximately 5 cm. diameter. A tungsten carbide tipped "Christmas tree" shaped bit was used. A 250 gm. sample was collected from mineral soil as close to the bedrock interface as possible. The power auger was capable of collecting a sample from two to three metres depth, however in practice, frozen soil or rocks prevented reaching that depth. Most samples were collected from at least 1 m. depth. The power auger method is slower and more labor intensive than sampling by mattock or shovel but definitely produces a superior sample, since it is relatively easy to check several areas quickly for good soil samples. Sampling by power auger is also more likely to collect a useful sample in difficult situations than is sampling by shovel or mattock.

Rock chips were also collected from the soil at the sampling depth. These chips were washed and then examined to agument the geologic observations.

5.2 Analytical methods

Samples were shipped to Acme Analytical Laboratories Ltd. ("Acme") in Vancouver B.C. by bus from Whitehorse. Given the nature of the samples, there was no particular security protocol employed during the shipping of samples other than shipping in securely closed but not sealed plastic pails, which were under control of Deltango staff at all times until delivered to the bus terminal. The samples arrived at the laboratory without delay and the laboratory did not report any obvious tampering with the samples or containers.

Sample preparation for soil and conventional silt samples consisted of oven drying at 60° C and disaggregating the sample then sieving with an 80 mesh screen. A 30 gm. split of the – 80 mesh material was submitted for analysis.

Pan concentrate samples were carefully removed from the plastic bags to ensure that no fines were left in the bag. The sample was oven dried at 60°C. The entire sample was pulverized to 100 mesh (the lab claims 95% is – 100 mesh) and a 30 gm. split of the – 100 mesh pulverized material was taken for analysis.

Rock samples for trace analysis were oven dried at 60°C crushed to 10 mesh and a 400 gm split pulverized to 100 mesh. A 30 gm. split of the – 100 mesh material was taken for analysis.

Trace element analysis was by Acme's Group 1F-MS analytical package, which consists of a 1 hour hot aqua regia extraction followed by ICP mass spectrometer analysis of the leachate. Thirty-seven elements are reported (see Table 3). Detection limits claimed for this analytical method are low (Table 3) particularly for the key elements Au (0.2 ppb), As (0.1 ppm), Bi (0.02 ppm), Te (0.02 ppm). Acme claims that the method is not subject to the effects that require expensive hydride generation analysis for As, Sb, Bi, Se and Te.

It is recognized that the aqua regia extraction may not be complete for gold. Generally an aqua regia extraction is thought to be about 80 percent of a fire assay provided there are no difficult effects such as encapsulation. Replicate analyses by other methods such as fire assay for gold and hydride generation for arsenic and antimony were planned as a check on the method but due to early termination of the programme these were not completed. The analysis used is also partial for several other metals for which results are reported (see Table 3). Tin is not normally reported with this method since the digestion does not attack cassiterite but at Deltango's request a value was reported; the result for tin should be viewed with this in mind and no conclusions have been drawn from the tin results.

Table 3

Detection limits for geochemical analyses

Mo	0.01	ppm	
Cu	0.01	ppm	
Pb	0.01	ppm	
Zn	0.1	ppm	
Ag	2	ppb	
Ni	0.1	ppm	*
Co	0.1	ppm	
Mn	1	ppm	*
Fe	0.01	%	*
As	0.1	ppm	
U	0.1	ppm	*
Au	0.2	ppb	
Th	0.1	ppm	*
Sr	0.5	ppm	*
Cd	0.01	ppm	
Sb	0.02	ppm	
Bi	0.02	ppm	
V	2	ppm	*
Ca	0.01	%	*
P	0.001	%	*
La	0.5	ppm	*
Cr	0.5	ppm	*
Mg	0.01	%	*
Ba	0.5	ppm	*
Ti	0.01	%	*
B	1	ppm	*
Al	0.01	%	*
Na	0.01	%	*
K	0.01	%	*
W	0.2	ppm	*
Tl	0.02	ppm	
Hg	5	ppb	
Se	0.1	ppm	
Te	0.02	ppm	
Ga	0.02	ppm	
S	0.02	%	*
Sn		ppm	*

* Aqua Regia digestion is a partial leach for the elements marked with asterisk

A limited number of whole rock analyses were completed using Acme's Group 4A package. In this method the sample is crushed and pulverized to 100 mesh and a 0.2 gm. split of the – 100 mesh material is fused with lithium borate. The fused material is digested with 0.5 N HNO3 and analysis is done by ICP. FeO was added to the suite for this programme, this was done by titration.

6 Geology

The geology of the property is shown on Plate 1 in Appendix D. While still in the area unaffected by the McConnell ice sheet, the area may have experienced local alpine glaciation as there are a number of small possible cirques on the property. Rubbly bedrock exposure is reasonably good in the upper elevations, which consist of Carmacks volcanics and a small, probably related, plug that intrudes the volcanics. Older rocks below the volcanics should be present on the lower slopes, but exposure there is so poor that this could not be confirmed in most places.

The Carmacks volcanics consist dominantly of dark green, massive andesite or basalt locally with conspicuous plagioclase phenocrysts. Interlayered with the volcanic rocks toward the base of the unit are thin units of rhyolitic tuff and fragmentals containing up to 10% disseminated pyrite. Dark coloured silicificied argillite was also noted locally within the Carmacks volcanics unit.

Coarse-grained hornblende-biotite granodiorite intrusive rocks occur as float in the western creeks and in an outcrop near the White River perhaps confirming the map pattern on GSC Map 18-1973 (Tempelman-Kluit, 1974). This suggests the area is along the northeast edge of the Dawson Range Batholith as indicated on regional maps (Gordey and Makepeace, 2000).

An east-west trending fault marked by sheared mafic volcanics separates Carmacks volcanics (also locally sheared) from the metamorphic complex consisting mainly of

quartz-mica schist. The Carmacks volcanics appear to be down dropped on this structure.

In the center of the area between the Au and P Claims is a small plug of medium grained hornblende-biotite granite. The granite is weakly porphyritic. Locally, pink weathering, K-feldspar altered granite was noted and minor fracture bound molybdenite was also found near the contact with Carmacks volcanics. The Carmacks volcanics are hornfelsed at the contact. Geologic observations thus suggest that this is a Carmacks or a post Carmacks age weak porphyry system. This conclusion is supported by the geochemical findings discussed below.

7 Geochemistry

Mapped results for pan concentrate and silt samples are presented in plates 2 through 15 in Appendix D. Soil sample results for the Au claims vicinity are shown on Plates 16 and 17 in Appendix D. There are six maps presented for each of the silt and pan concentrate samples, these maps portray a suite of 4 elements each: Au-As-Sb-Bi; Au-Bi-W-Mo; Au-Hg-Te-Se; Cu-Mo-Au-Ag; Zn-Pb-Ba-Cu and Cr-Co-Ni-Cu. The suites were selected to combine gold pathfinders, or to be suggestive of porphyry, VMS and mafic-ultramafic situations. The maps showing suites are intended to look at the relationship between elements in various samples as well as the spatial distribution of the data. The large number of anomalous samples and unusually large number of duplicate samples made the maps difficult to decipher, thus a set of smaller scale maps showing the silt results for a single element were also compiled (Plates 8 and 9).

A statistical analysis of each sample type was completed for all 33 elements determined (Table 4). For each of the 17 elements selected for plotting (of the 33 analyzed) summary statistics were compiled and colour ranges set up as shown on Table 5. Colour ranges were set up depending on the silt or pan concentrate populations. Dark blue colours were assigned for samples ranging from below detection to the 50^{th} percentile, Cyan from the 50^{th} to 75^{th} percentile, yellow from 75^{th} to 90^{th} percentile,

Table 4

Statistical summary of samples collected from the Au and P Claims and vicinity, White River Area

Pan Concentrates

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)
average	2.93	22.7	17.3	47.9	118.6	25.9	13.4	502.8	2.89	74.4	1.25	7.8	7.7	28.2	0.22	5.62	5.49
Std dev	1.35	25.1	10.5	20.0	141.8	17.8	7.2	172.9	1.12	91.6	0.90	26.9	4.4	13.5	0.11	10.63	15.21
m+2sd	5.63	73.0	38.4	87.9	402.2	61.6	27.7	848.6	5.13	257.7	3.04	61.6	16.4	55.1	0.44	26.89	35.90
min	1.16	6.9	2.4	0.6	20.0	5.8	2.1	132.0	0.92	2.3	0.30	0.2	2.2	8.7	0.05	0.17	0.02
max	6.12	175.4	45.3	89.0	635.0	76.2	31.1	1013.0	5.77	372.6	5.40	166.7	18.0	78.5	0.56	67.74	82.91
count	43	43	43	43	43	43	43	43	43	43	43	38	43	43	43	43	41
below det or missing	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	2

Conventional Silts

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)
average	2.45	58.6	23.2	70.6	390.9	25.5	14.8	565.6	2.66	87.9	5.17	7.8	3.8	45.5	0.42	5.94	2.86
Std dev	2.68	112.7	21.8	18.9	503.8	9.1	5.1	237.7	0.40	194.7	10.24	5.9	2.6	14.4	0.35	12.06	6.87
m+2sd	7.80	283.9	66.8	108.4	1398.4	43.7	25.1	1041.0	3.46	477.3	25.66	19.6	8.9	74.3	1.12	30.06	16.60
min	0.39	14.0	4.4	44.6	39.0	11.7	8.8	229.0	2.01	3.2	0.50	1.6	0.9	22.2	0.10	0.29	0.10
max	13.05	583.7	100.7	124.7	2312.0	55.5	33.0	1222.0	4.13	1106.3	80.70	25.4	14.2	111.0	1.70	66.30	35.47
count	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
below det or missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Soils

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)
average	1.81	57.3	32.1	76.8	445.9	27.6	15.2	486.0	3.37	159.7	2.48	13.9	7.3	50.7	0.49	5.76	1.54
Std dev	1.24	52.3	29.9	36.5	434.9	11.1	6.2	184.4	0.44	233.6	2.84	19.1	9.9	47.0	0.57	8.95	2.04
m+2sd	4.30	162.0	91.8	149.8	1315.8	49.8	27.6	854.8	4.25	626.8	8.16	52.2	27.2	144.8	1.64	23.65	5.63
min	0.70	19.1	10.7	51.3	38.0	15.4	9.6	234.0	2.53	12.9	0.50	2.7	0.3	14.6	0.10	0.73	0.20
max	7.92	295.4	166.6	224.9	1530.0	84.1	43.5	1346.0	5.12	1012.8	14.80	111.8	53.1	236.7	2.75	51.27	11.36
count	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
below det or missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rocks

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)
average	12.56	50.2	38.8	68.9	351.5	33.8	13.4	444.6	2.76	186.5	2.91	3.2	12.0	55.6	0.50	3.26	1.34
Std dev	33.32	66.1	76.9	81.6	711.7	71.1	16.8	305.6	1.57	625.2	2.76	2.3	14.9	47.0	0.79	3.32	1.62
m+2sd	79.21	182.5	192.5	232.1	1775.0	175.9	47.0	1055.8	5.90	1436.9	8.42	7.8	41.9	149.6	2.08	9.89	4.58
min	0.46	3.5	1.4	6.1	6.0	3.1	1.1	75.0	0.63	2.5	0.10	0.3	0.1	2.5	0.01	0.16	0.05
max	125.93	292.2	400.2	410.5	3740.0	355.0	79.7	1323.0	6.43	3217.3	8.50	9.7	46.1	198.8	3.90	11.15	8.26
count	26	26	26	26	26	26	26	26	26	26	22	24	25	26	26	26	26
below det or missing	0	0	0	0	0	0	0	0	0	0	4	2	1	0	0	0	0

Table 4 (continued)

Statistical summary of samples collected from the Au and P Claims and vicinity, White River Area

Pan Concentrates

	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)
average	76.4	0.45	0.06	16.4	76.0	0.72	104.9	0.09	3.3	1.2	0.05	0.1	14.8	0.15	11.3	0.4	0.07	4.3	0.03	0.76
Std dev	42.7	0.32	0.02	6.8	45.0	0.41	56.0	0.04	5.7	0.5	0.03	0.1	45.4	0.12	14.7	0.2	0.08	1.6	0.03	0.40
m+2sd	161.7	1.09	0.10	30.0	166.1	1.53	216.8	0.17	14.7	2.2	0.11	0.3	105.5	0.39	40.6	0.8	0.23	7.5	0.08	1.57
min	21.0	0.11	0.03	8.4	11.6	0.11	0.5	0.02	1.0	0.0	0.00	0.1	0.2	0.04	5.0	0.1	0.02	1.2	0.01	0.18
max	223.0	2.04	0.12	38.6	196.1	1.65	391.9	0.19	38.0	2.4	0.15	0.3	270.5	0.45	84.0	1.0	0.38	8.3	0.11	2.61
count	41	41	41	43	41	41	42	41	43	42	43	43	43	43	28	43	41	43	24	43
below det or missing	2	2	2	0	2	2	1	2	0	1	0	0	0	0	15	0	2	0	19	0

Conventional Silts

	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)
average	74.0	0.71	0.07	14.8	41.8	0.72	153.7	0.11	2.0	1.7	0.03	0.1	1.3	0.19	58.0	0.6	0.08	5.7	0.04	1.00
Std dev	12.9	0.24	0.01	5.0	14.3	0.15	56.5	0.03	0.9	0.3	0.01	0.0	1.7	0.14	48.2	0.3	0.09	1.0	0.02	0.76
m+2sd	99.9	1.19	0.10	24.8	70.4	1.03	266.7	0.17	3.7	2.3	0.05	0.1	4.7	0.47	154.3	1.1	0.26	7.8	0.08	2.52
min	46.0	0.35	0.05	7.0	25.5	0.42	84.8	0.02	1.0	1.2	0.01	0.1	0.2	0.04	15.0	0.2	0.02	3.8	0.01	0.34
max	104.0	1.75	0.11	28.7	92.9	1.17	402.8	0.18	6.0	2.4	0.06	0.2	7.1	0.74	294.0	1.4	0.43	7.6	0.09	5.95
count	68	68	68	68	68	68	68	68	68	68	68	68	62	68	68	68	62	68	68	68
below det or missing	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	0

Soils

	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)
average	97.9	0.44	0.07	15.8	54.8	0.82	136.1	0.16	1.7	2.3	0.03	0.2	1.0	0.31	39.2	0.5	0.09	7.2	0.05	1.00
Std dev	17.4	0.28	0.03	10.3	31.4	0.28	45.0	0.05	0.6	0.4	0.01	0.2	1.2	0.25	17.0	0.2	0.08	1.1	0.06	0.50
m+2sd	132.6	0.99	0.14	36.5	117.6	1.38	226.1	0.25	2.8	3.0	0.05	0.5	3.4	0.81	73.2	1.0	0.26	9.4	0.18	2.00
min	72.0	0.18	0.03	7.6	33.7	0.48	50.8	0.09	1.0	1.5	0.02	0.0	0.2	0.10	12.0	0.2	0.02	5.7	0.01	0.45
max	151.0	1.49	0.16	63.6	220.8	2.30	270.0	0.28	3.0	3.1	0.06	0.9	4.7	1.47	83.0	1.2	0.45	11.0	0.30	2.84
count	37	37	37	37	37	37	37	37	37	37	37	37	34	37	37	37	36	37	25	37
below det or missing	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	12	0

Rocks

	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)
average	69.0	1.23	0.09	16.1	59.8	0.71	91.4	0.13	3.1	1.4	0.15	0.3	7.7	0.38	8.3	0.6	0.16	5.9	0.87	1.14
Std dev	51.6	2.12	0.08	11.3	76.1	0.51	99.2	0.09	1.5	1.1	0.16	0.3	5.0	0.39	4.1	0.7	0.30	3.6	0.76	0.88
m+2sd	172.2	5.47	0.24	38.7	212.0	1.74	289.8	0.30	6.1	3.5	0.46	0.8	17.6	1.16	16.6	1.9	0.76	13.1	2.38	2.90
min	4.0	0.08	0.00	1.4	14.0	0.03	9.4	0.00	1.0	0.1	0.00	0.0	1.0	0.02	5.0	0.1	0.02	0.3	0.01	0.42
max	175.0	10.12	0.35	38.0	406.9	2.01	415.0	0.28	6.0	4.3	0.57	1.0	18.6	1.45	15.0	2.8	1.38	12.7	2.44	4.74
count	26	26	26	23	26	26	26	26	23	26	26	25	26	26	6	25	20	26	19	26
below det or missing	0	0	0	3	0	0	0	0	3	0	0	1	0	0	20	1	6	0	7	0

Table 5

Au and P Claims, White River Area
Summary Statistics and colour ranges used for map preparation

Silts

		Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	As (ppm)	Au (ppb)	Sb (ppm)	Bi (ppm)	Cr (ppm)	Ba (ppm)	W (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)
average		2.45	58.6	23.2	70.6	390.9	25.5	14.8	87.9	7.8	5.94	2.86	41.8	153.7	1.3	58.0	0.6	0.08
Std dev		2.68	112.7	21.8	18.9	503.8	9.1	5.1	194.7	5.9	12.06	6.87	14.3	56.5	1.7	48.2	0.3	0.09
m+2sd		7.80	283.9	66.8	108.4	1398.4	43.7	25.1	477.3	19.6	30.06	16.60	70.4	266.7	4.7	154.3	1.1	0.26
min		0.39	14.0	4.4	44.6	39.0	11.7	8.8	3.2	1.6	0.29	0.10	25.5	84.8	0.2	15.0	0.2	0.02
max		13.05	583.7	100.7	124.7	2312.0	55.5	33.0	1106.3	25.4	66.30	35.47	92.9	402.8	7.1	294.0	1.4	0.43
count		68	68	68	68	68	68	68	68	68	68	68	68	68	62	68	68	62
below det or missing		0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
mode		1	17.5	7.5	67.5	75	20	11.5	7.5	2.5	0.5	0.15	27.5	113	0.1	35	0.45	0.015
median (50th %ile)	max for dk blue	1.2	26	15	65	180	22	13	25	5.5	1.7	0.7	36	130	0.23	42	0.4	0.027
75th %ile	max for cyan	3.4	42	26	76	420	28	17	75	10.5	5.6	2.1	45	175	1.15	60	0.55	0.063
90th %ile	max for yellow	5.5	82	55	92	800	39	20	185	16	11.8	5.6	58	205	3.8	85	0.8	0.237
95th %ile	max for orange	8	144	78	110	1800	45	26	270	22	27	7	69	215	5.4	110	1.2	0.3
97.5th %ile	max for red	10.5	175	90	120	2300	48	30	350	23	64	32	80	385	6.6	270	1.3	0.338

Pan Concentrates

		Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	As (ppm)	Au (ppb)	Sb (ppm)	Bi (ppm)	Cr (ppm)	Ba (ppm)	W (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)
average		2.93	22.7	17.3	47.9	118.6	25.9	13.4	74.4	7.8	5.62	5.49	76.0	104.9	14.8	11.3	0.4	0.07
Std dev		1.35	25.1	10.5	20.0	141.8	17.8	7.2	91.6	26.9	10.63	15.21	45.0	56.0	45.4	14.7	0.2	0.08
m+2sd		5.63	73.0	38.4	87.9	402.2	61.6	27.7	257.7	61.6	26.89	35.90	166.1	216.8	105.5	40.6	0.8	0.23
min		1.16	6.9	2.4	0.6	20.0	5.8	2.1	2.3	0.2	0.17	0.02	11.6	0.5	0.2	5.0	0.1	0.02
max		6.12	175.4	45.3	89.0	635.0	76.2	31.1	372.6	166.7	67.74	82.91	196.1	391.9	270.5	84.0	1.0	0.38
count		43	43	43	43	43	43	43	43	38	43	41	41	42	43	28	43	41
below det or missing		0	0	0	0	0	0	0	0	5	0	2	2	1	0	15	0	2
mode		1.75	17	10.5	47.5	30	7.5	7	7.5	0.5	0.45	0.25	35	80	0.5	5.5	0.25	0.015
median (50th %ile)	max for dk blue	2.3	18	13	45	60	18	11	34	1.2	2.9	0.5	63	95	1.5	4.5	0.2	0.045
75th %ile	max for cyan	3.4	26	21	56	135	35	17	82	3	5.3	2.3	103	120	3.5	6.3	0.3	0.082
90th %ile	max for yellow	4.9	30	31	68	205	47	21	190	8.3	11	6.2	125	135	27	11	0.6	0.11
95th %ile	max for orange	5.9	33	37	75	450	60	25	290	19.3	16	22	135	155	90	15	0.65	0.27
97.5th %ile	max for red	6.1	70	42	80	600	75	30	330	23.3	18	52	145	350	105	16	0.7	0.29

orange from 90th to 95th percentile, red from the 95th to 97.5th percentile and magenta above the 97.5th percentile.

The histograms and cumulative frequency plots used to determine these ranges are presented in Appendix B and certified geochemical reports for the samples in Appendix C.

The silt sampling results show strong anomalies in several metals, including Mo, Cu, As, Ag, Pb, Zn and particularly Bi. In general most metals are anomalous in what appears to be a halo around the Unit 5 hornblende > biotite granite. The suite of anomalous metals is most complete around the south and east side of the porphyry, but only antimony is anomalous in all creeks draining the margins of the porphyry (Plate 9). The few samples from streams draining the porphyry itself are not strongly anomalous. The most anomalous silt results are from the stream draining south southeast from the Unit 5 porphyry. The previous trenching was at the head of this drainage.

Gold seems to be more widespread than the other metals particularly toward the west where there are low order anomalies (8-10 ppb compared to a local background of 2-4 ppb) in several west flowing streams entering the White River (Plate 9). In the upper reaches of those streams there are some interesting Au, Bi, As, Sb, Mo, $\pm$ W anomalies (Plates 2 and 3) where gold reaches 25 ppb, bismuth nearly 5 ppm. In pan concentrates from these creeks there are some intriguing Au, Bi, Mo, W multi-element anomalies where gold is up to 167 ppb and bismuth 53 ppm (in different samples). This multi-element response was not so apparent in the conventional silts compared to the pan concentrates largely because the bismuth response was subdued in the silt samples.

In the eastern part of the property the suite Cr-Ni-Co is moderately anomalous in silts and pan concentrates from several streams (plate 7 and 15). The cause of this response is not known but is thought to be due to the greater proportion of Carmacks volcanics in that area.

8 Conclusions and Recommendations

The geochemical dispersion away from the Unit 5 porphyry is suggestive of a Cu Mo porphyry system, particularly peripheral base and precious metal veining, and there is weak mineralization of that type already identified around the Unit 5 stock. At this time there is no good explanation for the origin of these anomalies and, given their interesting multi-element character and weak but persistent gold response, more prospecting is warranted to better understand the mineralization. Particular attention should be given to the upper part of the stream draining the property to the southwest (upstream of samples 3382 and 5162, Plate 6, see also Plate 2) where there is a moderate Au, Bi, $\pm$ W $\pm$ Mo coincidence suggestive of the geochemical signatures around the Pogo area. It is possible that there is Carmacks age porphyry mineralization superimposed on and remobilizing older, deeper intrusion related Au-Bi-Mo-W mineralization. Careful prospecting, geological mapping and grid soil sampling are recommended for that area. The remainder of the anomalous ares on the claims should also be prospected more thoroughly but grid soil sampling may not be warranted there pending results of that work.

Respectfully submitted,

Gregg Jilson

Douglas J. Brownlee

9 References

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Appendix A

Summary and Allocation of Costs

Deltango Gold Limited

12/5/00 08:02

Tintina Gold Belt Project

Table A-1 Field Programme Cost Summary as of November 30, 1999

Total $ 115,540.64

Field work	**$ 70,359.30**		
Field Equipment and supplies - 50% to project	$ 8,236.41		
Neville Crosby		$ 7,053.85	
shipping		$ 755.92	
on Expense acct Brownlee		$ 776.50	
on Expense acct Jilson		$ 7,886.55	
Vehicle	$ 3,779.44		
Norcan		$ -	
Moneypenny		$ -	
Blackfox		$ 851.20	
GAJ Inc		$ 2,928.24	
Rotary Wing	$ 36,524.34		
Trans North		$ 36,524.34	
Fixed Wing	$ 4,793.41		
Summit Air		$ 1,200.00	
Bonanza Air		$ 3,593.41	
Geochemistry and Assaying	$ 12,006.98		
Acme Analytical		$ 11,024.55	
shipping		$ 886.43	
Pro-Western Plastics (pails) - 1/3 of total		$ 96.00	
Geophysics	$ 535.00		
T. Haseck & Associates		$ 535.00	
Groceries and Camp consumables	$ 3,233.72		
Groceries		$ 2,983.19	
Consumables		$ 250.53	
Expediting	$ 1,250.00		
Moneypenny		$ 1,250.00	
Staff	**$ 45,181.35**		
Salaries & Consulting Fees	$ 44,482.55		
Gregg Jilson		$ 8,100.00	thru Sept
Doug Brownlee		$ 18,000.00	
Field Techs.		$ 18,382.55	
Expenses	$ 698.80		
Travel Accomodation & meals		$ 698.80	
other expenses			

I certify the above costs are an accurate summary

Gregg Jilson

Dated Dec 5 2000

Deltango Gold Limited - Tintina Gold Belt Project

Table A-2 Distribution of Work and Costs

Physical Work Distribution

	start	finish	days	% of days	silts	pans	soils	rock chips	whole rocks	total samples	% of samples	percent on & near
Butter	19-Jul-99	2-Aug-99	14	33%	64	58	45	15		182	28%	50%
Dan Man Indy (DMI)	3-Aug-99	20-Aug-99	17	40%	84	82	68	44	3	281	44%	66%
Au & P (WR)	25-Aug-99	6-Sep-99	12	28%	43	68	37	26	4	178	28%	80%
			43		191	208	150	85	7	641		

Physical work breakdown within DMI (Dan, Man & Indy claims) and WR (White River = Au & P claims) Areas

							silt+soil+pan+rock+WR # samples on cls.	# samples near cls.	# samples on on nearby cls.	# samples off cls.	percent on & near
	silts	pans	soils	rock chips	whole rocks	total samples					
Dan	39	45	60	34	1	179	67	28	24	30	64%
Man	12	11	0	0	0	23	28	6	3	10	72%
Indy	32	26	8	10	2	78	12	31	0	20	68%
	83	82	68	44	3	280	107	65	27	60	66%
Au			not				14	50	0	7	90%
P			differentiated				22	26	5	16	70%
	43	68	37	26	4	178	36	76	5	23	80%

Total Cost Distribution

Field Costs			
camp,staff,vehicle,expediting,travel	$	61,681	split by days, then by number of samples within DMI and WR
geochemical	$	12,007	split by samples
geophysics	$	535	all to Butter
helicopter	$	36,524	split by ticket, then number of samples within DMI and WR
fixed wing	$	4,793	split by ticket, then number of samples within DMI and WR
	$	115,541	sub-total field cost, equals total of Table A-1
report preparation	$	11,600	split equally, Butter, DMI and WR - not included in Table A-1
total	**$**	**127,141**	

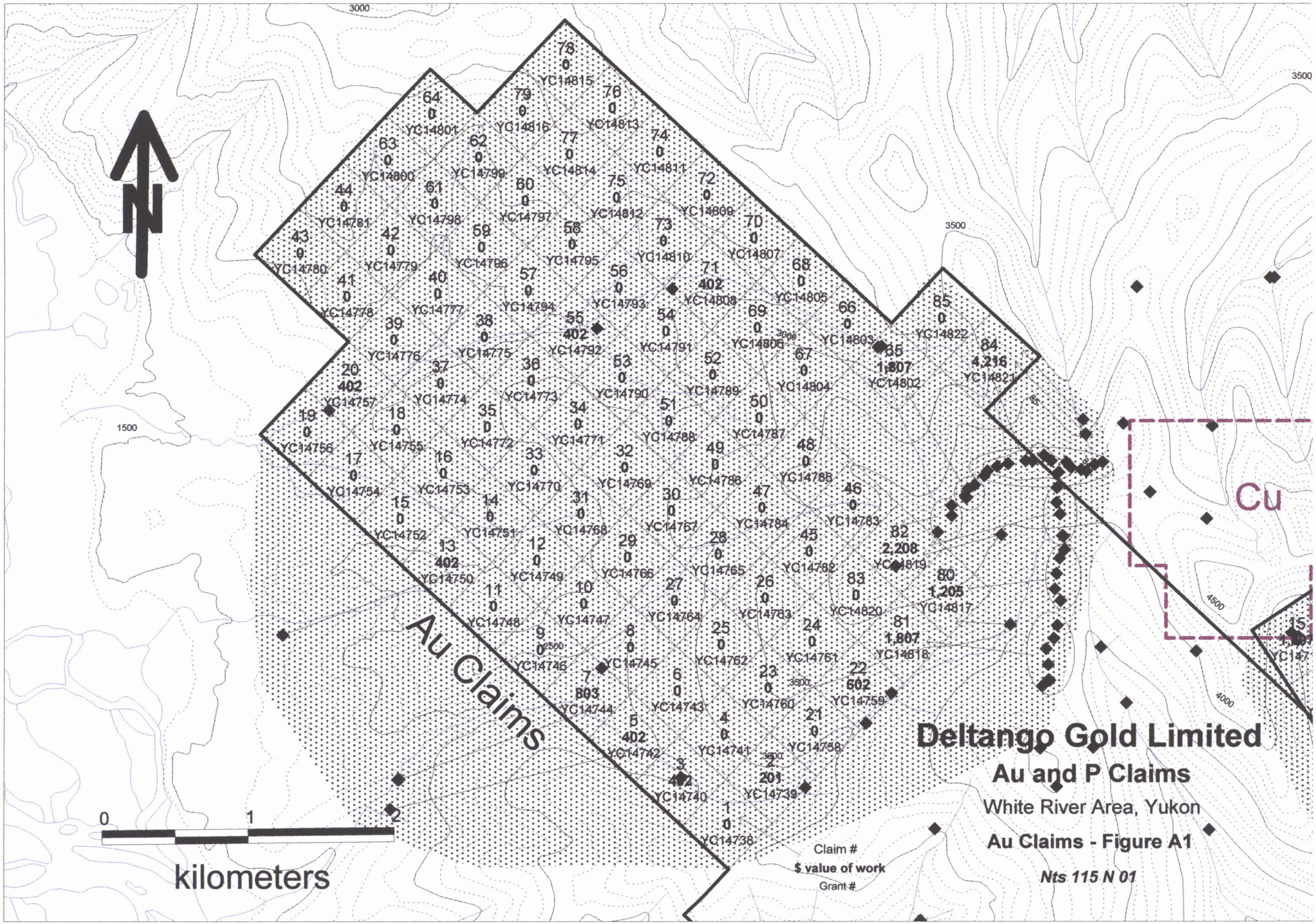
Cost Distribution by Property, split as noted above

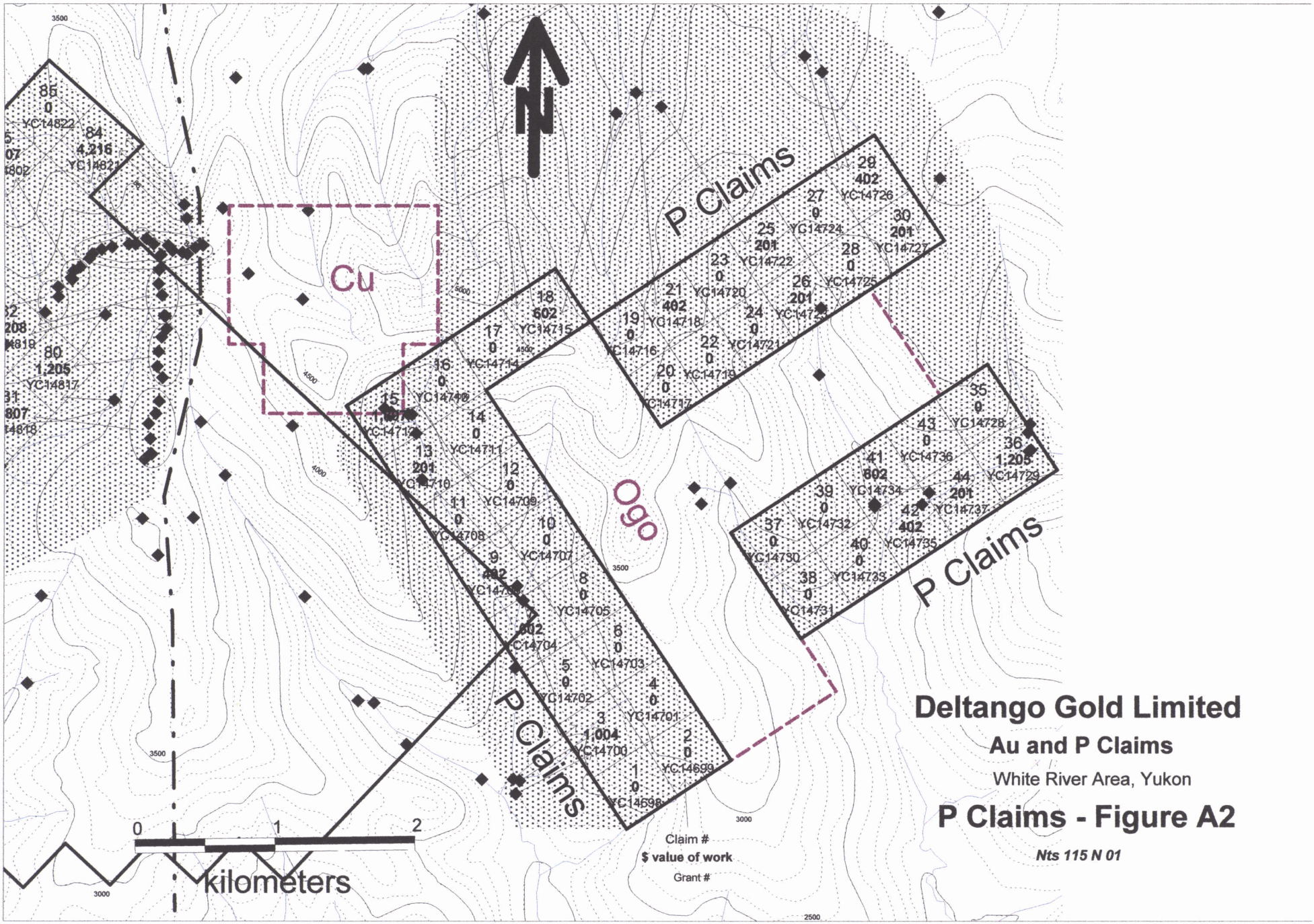
	part of daily split costs	part of geoch costs	part of copter costs	part of fixed wing costs	geophysics cost	sub-total cost	part on and near claims	report preparation	total cost	no. of claims	dollars per claim
Butter	$ 20,082	$ 3,409	$ 11,183	$ -	$ 535	$ 35,210	$ 17,605	$ 3,867	$ 21,471	116	$ 185
Dan Man Indy	$ 24,385	$ 5,264	$ 17,638	$ 3,024	$ -	$ 50,311	$ 33,411	$ 3,867	$ 37,278	354	$ 105
Au & P	**$ 17,213**	**$ 3,334**	**$ 7,703**	**$ 1,769**	**$ -**	**$ 30,020**	$ 24,016	$ 3,867	$ 27,883	125	$ 223
	$ 61,681	$ 12,007	$ 36,524	$ 4,793	$ 535	$ 115,541	$ 75,032	$ 11,600	$ 86,632	595	

Calculation of Cost per geochemical Sample

	Butter	DMI	Au P
cost	$ 35,210	$ 50,311	**$ 30,020**
total # samples	182	282	179
field cost/sample	$ 193.46	$ 178.41	$ 167.71
# samples on claims	88	106	44
# samples near claims	23	62	72
# samples on and near	111	168	**117**
# samples on other claims	21	35	17
# samples outside	50	79	45
cost for samp.on and near	$ 21,474	$ 29,972	$ 19,622
report prep	$ 3,867	$ 3,867	$ 3,867
total qualifying cost	$ 25,341	$ 33,839	**$ 23,489**
# of claims	116	354	125
$/claim	$ 218	$ 96	$ 188
$/sample on and near claims	**$ 228.29**	**$ 201.42**	**$ 200.76**

used to calculate work distribution on Figures A1 and A2


Au Claims
Cu
Deltango Gold Limited
Au and P Claims
White River Area, Yukon
Au Claims - Figure A1
Nts 115 N 01
Claim #
$ value of work
Grant #
0
1
kilometers


Cu
Ogo
P Claims
P Claims
P Claims
Claim #
$ value of work
Grant #
0
1
2
kilometers
Deltango Gold Limited
Au and P Claims
White River Area, Yukon
P Claims - Figure A2
Nts 115 N 01

Appendix B

Statistical Summary

- Correlation matrices
- Histograms for 17 plotted elements
- Cumulative histograms for 17 plotted elements

Appendix B - Table 1

Correlation matrix for Silt samples
For samples from the Au and P Claims

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	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)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)	
Mo (ppm)	1.000	0.276	0.403	0.352	0.525	-0.162	-0.007	0.217	0.311	0.226	0.538	0.402	0.591	0.074	0.395	0.350	0.261	0.332	-0.131	-0.035	0.474	-0.081	-0.177	0.055	0.220	-0.001	0.405	-0.271	0.083	0.628	0.318	0.356	0.171	-0.071	0.513	0.147	0.599	Mo (ppm)
Cu (ppm)		1.000	0.745	0.662	0.879	0.347	0.419	0.208	0.710	0.910	0.066	0.519	0.223	-0.008	0.646	0.907	0.984	0.344	-0.052	0.101	0.558	0.138	0.157	0.055	-0.023	0.267	0.473	-0.085	0.325	0.369	0.695	0.903	0.590	0.346	0.419	0.371	0.279	Cu (ppm)
Pb (ppm)			1.000	0.857	0.898	0.259	0.541	0.478	0.735	0.808	0.138	0.659	0.360	0.197	0.882	0.785	0.751	0.418	-0.141	0.313	0.633	0.100	0.100	0.027	-0.046	0.204	0.645	-0.192	0.520	0.369	0.766	0.803	0.526	0.531	0.633	0.457	0.330	Pb (ppm)
Zn (ppm)				1.000	0.806	0.377	0.574	0.666	0.717	0.709	0.029	0.488	0.190	0.064	0.865	0.658	0.651	0.343	-0.179	0.355	0.644	0.158	0.071	0.369	-0.281	0.141	0.676	-0.321	0.432	0.327	0.687	0.784	0.643	0.439	0.582	0.510	0.174	Zn (ppm)
Ag (ppb)					1.000	0.240	0.391	0.329	0.718	0.843	0.159	0.644	0.429	0.005	0.788	0.881	0.876	0.380	-0.172	0.186	0.723	0.078	0.049	0.153	-0.022	0.214	0.623	-0.231	0.377	0.532	0.744	0.891	0.546	0.380	0.616	0.404	0.370	Ag (ppb)
Ni (ppm)						1.000	0.735	0.265	0.554	0.417	-0.207	0.032	-0.270	0.165	0.225	0.299	0.289	0.389	0.364	0.200	0.029	0.816	0.721	0.062	-0.069	0.503	0.465	0.141	0.314	-0.232	0.485	0.329	0.551	0.277	0.264	0.629	-0.191	Ni (ppm)
Co (ppm)							1.000	0.650	0.725	0.549	-0.148	0.297	-0.180	0.258	0.504	0.387	0.388	0.460	0.128	0.352	0.159	0.563	0.541	0.025	-0.082	0.362	0.628	-0.020	0.546	-0.117	0.669	0.485	0.652	0.549	0.454	0.714	-0.031	Co (ppm)
Mn (ppm)								1.000	0.514	0.295	-0.045	0.167	-0.011	0.226	0.544	0.191	0.180	0.226	-0.097	0.463	0.386	0.094	0.028	0.331	-0.345	0.049	0.478	-0.280	0.356	0.038	0.363	0.383	0.478	0.253	0.363	0.497	0.022	Mn (ppm)
Fe (%)									1.000	0.783	0.152	0.493	0.192	0.278	0.616	0.669	0.697	0.758	0.056	0.305	0.466	0.474	0.476	0.156	0.145	0.234	0.801	-0.003	0.551	0.216	0.744	0.737	0.644	0.434	0.711	0.602	0.310	Fe (%)
As (ppm)										1.000	0.041	0.598	0.148	0.125	0.674	0.934	0.900	0.396	0.001	0.192	0.526	0.209	0.256	0.037	-0.012	0.257	0.570	-0.048	0.479	0.192	0.830	0.924	0.663	0.507	0.475	0.475	0.253	As (ppm)
U (ppm)											1.000	0.127	0.518	0.181	0.099	0.134	0.079	0.272	0.006	-0.159	0.275	-0.056	-0.185	-0.057	0.213	-0.069	0.065	-0.088	-0.099	0.419	0.077	0.093	-0.007	-0.136	0.211	0.016	0.936	U (ppm)
Au (ppb)												1.000	0.307	0.113	0.543	0.591	0.555	0.281	-0.100	0.152	0.412	0.022	0.103	-0.039	0.191	0.035	0.503	-0.129	0.523	0.382	0.612	0.574	0.379	0.410	0.489	0.201	0.296	Au (ppb)
Th (ppm)													1.000	-0.032	0.261	0.344	0.273	0.202	-0.178	0.018	0.605	-0.113	-0.261	-0.123	0.243	-0.065	0.113	-0.202	-0.089	0.623	0.103	0.211	-0.023	-0.147	0.404	-0.077	0.633	Th (ppm)
Sr (ppm)														1.000	0.267	0.036	-0.030	0.346	0.430	0.247	-0.027	0.235	0.281	-0.166	0.256	0.177	0.314	0.270	0.400	-0.196	0.239	0.036	0.251	0.186	0.225	0.338	0.184	Sr (ppm)
Cd (ppm)															1.000	0.662	0.650	0.350	-0.078	0.322	0.529	0.052	0.037	0.047	-0.079	0.194	0.608	-0.180	0.440	0.380	0.696	0.688	0.579	0.517	0.550	0.434	0.250	Cd (ppm)
Sb (ppm)																1.000	0.894	0.323	-0.078	0.105	0.632	0.128	0.136	0.011	0.028	0.243	0.484	-0.133	0.350	0.316	0.769	0.903	0.566	0.399	0.476	0.364	0.341	Sb (ppm)
Bi (ppm)																	1.000	0.337	-0.066	0.100	0.555	0.094	0.123	0.035	-0.008	0.237	0.463	-0.088	0.335	0.430	0.699	0.884	0.562	0.371	0.431	0.334	0.309	Bi (ppm)
V (ppm)																		1.000	0.169	0.118	0.077	0.579	0.558	-0.028	0.590	0.162	0.721	0.217	0.351	0.163	0.476	0.325	0.298	0.280	0.746	0.442	0.349	V (ppm)
Ca (%)																			1.000	-0.036	-0.389	0.267	0.399	-0.364	0.303	0.532	-0.018	0.760	0.014	-0.254	-0.018	-0.186	0.076	-0.098	-0.162	0.277	-0.066	Ca (%)
P (%)																				1.000	0.182	0.101	0.146	0.104	-0.076	0.043	0.140	0.066	0.261	-0.053	0.173	0.175	0.245	0.418	0.051	0.114	-0.101	P (%)
La (ppm)																					1.000	-0.096	-0.304	0.447	-0.311	-0.015	0.399	-0.539	0.191	0.489	0.424	0.705	0.365	0.078	0.463	0.253	0.431	La (ppm)
Cr (ppm)																						1.000	0.839	0.033	0.259	0.353	0.501	0.147	0.200	-0.157	0.344	0.122	0.340	0.189	0.412	0.496	-0.047	Cr (ppm)
Mg (%)																							1.000	-0.181	0.385	0.287	0.455	0.367	0.283	-0.257	0.321	0.072	0.263	0.257	0.315	0.418	-0.180	Mg (%)
Ba (ppm)																								1.000	-0.420	-0.223	0.324	-0.468	0.085	0.068	0.066	0.293	0.186	-0.047	0.217	0.187	-0.050	Ba (ppm)
Ti (%)																									1.000	0.036	0.167	0.527	0.153	0.074	0.053	-0.172	-0.190	0.083	0.295	-0.069	0.245	Ti (%)
B (ppm)																										1.000	0.141	0.367	0.022	-0.076	0.260	0.183	0.249	0.183	0.038	0.458	-0.005	B (ppm)
Al (%)																											1.000	-0.194	0.524	0.240	0.720	0.594	0.515	0.409	0.906	0.671	0.206	Al (%)
Na (%)																												1.000	-0.045	-0.333	-0.165	-0.280	-0.088	0.042	-0.283	-0.042	-0.144	Na (%)
K (%)																													1.000	-0.106	0.675	0.408	0.379	0.543	0.461	0.327	0.018	K (%)
W (ppm)																														1.000	0.215	0.340	0.025	-0.108	0.388	0.025	0.526	W (ppm)
Tl (ppm)																															1.000	0.793	0.681	0.665	0.653	0.618	0.263	Tl (ppm)
Hg (ppb)																																1.000	0.680	0.395	0.510	0.505	0.301	Hg (ppb)
Se (ppm)																																	1.000	0.402	0.327	0.626	0.114	Se (ppm)
Te (ppm)																																		1.000	0.310	0.298	0.044	Te (ppm)
Ga (ppm)																																			1.000	0.499	0.375	Ga (ppm)
S (%)																																				1.000	0.080	S (%)
Sn (ppm)																																					1.000	Sn (ppm)

Appendix B - Table 1
Correlation Matrix for Silt Sample Results

Appendix B - Table 2

Correlation matrix for Pan samples
For samples from the Au and P Claims

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	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)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)	
Mo (ppm)	1.000	0.309	0.421	-0.033	0.646	-0.046	-0.204	-0.297	-0.115	0.189	0.572	0.097	0.422	-0.189	0.387	0.462	0.515	-0.007	0.144	-0.097	0.203	0.274	-0.260	-0.108	0.062	0.413	-0.037	0.136	0.193	0.555	0.379	0.464	0.271	0.338	-0.045	0.436	0.625	Mo (ppm)
Cu (ppm)		1.000	0.559	0.288	0.575	0.203	0.127	0.029	0.139	0.619	0.193	-0.085	0.047	-0.001	0.590	0.891	0.176	0.003	0.044	0.147	-0.041	-0.029	0.138	0.049	0.129	0.212	0.156	0.015	0.208	0.066	0.477	0.943	0.632	0.559	0.210	0.020	0.689	Cu (ppm)
Pb (ppm)			1.000	0.516	0.763	0.090	0.217	0.265	0.284	0.795	0.263	-0.051	0.275	0.180	0.875	0.605	0.488	0.121	0.011	0.086	0.168	0.016	0.227	0.023	0.269	0.251	0.371	0.191	0.605	0.360	0.795	0.498	0.507	0.743	0.463	0.365	0.565	Pb (ppm)
Zn (ppm)				1.000	0.127	0.598	0.665	0.823	0.462	0.641	-0.158	-0.197	-0.219	0.309	0.558	0.171	-0.031	0.166	0.302	0.604	-0.194	0.128	0.862	0.373	0.412	0.410	0.880	0.177	0.692	-0.005	0.654	0.160	0.605	0.596	0.669	0.514	-0.006	Zn (ppm)
Ag (ppb)					1.000	-0.193	-0.180	-0.139	0.104	0.522	0.457	0.049	0.500	-0.119	0.706	0.717	0.780	0.199	-0.048	-0.148	0.352	0.025	-0.160	-0.069	0.099	0.147	0.035	0.223	0.202	0.626	0.474	0.859	0.331	0.525	0.130	0.128	0.749	Ag (ppb)
Ni (ppm)						1.000	0.905	0.586	0.674	0.153	-0.347	-0.156	-0.552	0.411	0.059	-0.103	-0.169	0.312	0.618	0.837	-0.414	0.449	0.814	0.327	0.604	0.511	0.667	0.089	0.418	-0.035	0.266	0.004	0.531	0.327	0.650	0.534	-0.165	Ni (ppm)
Co (ppm)							1.000	0.731	0.788	0.227	-0.367	-0.144	-0.473	0.496	0.128	-0.154	-0.154	0.373	0.502	0.851	-0.307	0.321	0.884	0.343	0.639	0.318	0.722	0.119	0.480	-0.082	0.277	-0.102	0.458	0.335	0.734	0.501	-0.242	Co (ppm)
Mn (ppm)								1.000	0.504	0.395	-0.277	-0.133	-0.250	0.421	0.341	-0.096	-0.126	0.160	0.227	0.525	-0.126	0.024	0.663	0.336	0.321	0.222	0.771	0.080	0.515	-0.081	0.365	-0.075	0.332	0.281	0.681	0.199	-0.248	Mn (ppm)
Fe (%)									1.000	0.202	-0.242	-0.038	-0.250	0.582	0.153	-0.049	0.177	0.835	0.582	0.823	-0.093	0.282	0.700	0.190	0.804	0.217	0.587	0.422	0.294	0.189	0.190	-0.029	0.317	0.298	0.789	0.383	-0.017	Fe (%)
As (ppm)										1.000	0.057	-0.089	0.004	0.053	0.827	0.649	0.148	-0.011	-0.105	0.144	-0.063	-0.104	0.384	0.031	0.100	0.223	0.439	0.021	0.527	0.037	0.812	0.559	0.630	0.853	0.417	0.265	0.367	As (ppm)
U (ppm)											1.000	0.306	0.686	-0.198	0.308	0.380	0.243	-0.130	-0.194	-0.370	0.357	0.057	-0.420	-0.316	-0.169	-0.051	-0.294	0.100	-0.153	0.222	0.054	0.447	-0.104	0.012	-0.196	-0.138	0.636	U (ppm)
Au (ppb)												1.000	0.377	-0.027	-0.070	-0.047	-0.016	0.058	-0.016	-0.151	0.404	0.206	-0.164	-0.073	-0.013	-0.061	-0.117	0.184	-0.064	0.007	-0.083	-0.089	-0.055	-0.102	-0.068	0.078	0.158	Au (ppb)
Th (ppm)													1.000	-0.291	0.294	0.325	0.391	-0.074	-0.203	-0.515	0.862	-0.162	-0.537	-0.202	-0.195	-0.053	-0.262	0.247	-0.077	0.343	0.025	0.185	-0.176	-0.043	-0.203	-0.190	0.578	Th (ppm)
Sr (ppm)														1.000	0.174	-0.163	-0.137	0.502	0.539	0.539	-0.223	0.255	0.517	0.084	0.652	0.163	0.446	0.452	0.451	-0.079	0.260	-0.148	0.046	0.021	0.719	0.301	0.019	Sr (ppm)
Cd (ppm)															1.000	0.670	0.339	0.009	-0.014	0.009	0.174	0.001	0.208	-0.007	0.145	0.265	0.366	0.183	0.575	0.209	0.809	0.572	0.548	0.684	0.414	0.284	0.585	Cd (ppm)
Sb (ppm)																1.000	0.283	-0.102	-0.157	-0.086	0.137	-0.175	-0.103	-0.120	-0.087	0.117	-0.020	-0.018	0.095	0.152	0.453	0.954	0.474	0.567	0.037	-0.071	0.771	Sb (ppm)
Bi (ppm)																	1.000	0.336	-0.017	-0.165	0.370	0.041	-0.164	-0.016	0.114	0.042	-0.030	0.217	0.038	0.933	0.163	0.833	0.068	0.221	0.083	0.080	0.412	Bi (ppm)
V (ppm)																		1.000	0.592	0.597	0.045	0.237	0.343	0.084	0.780	0.121	0.461	0.725	0.068	0.333	0.033	-0.127	0.020	0.061	0.604	0.237	0.120	V (ppm)
Ca (%)																			1.000	0.672	-0.161	0.361	0.424	0.000	0.786	0.754	0.636	0.693	0.405	0.193	0.260	-0.166	0.185	0.019	0.690	0.589	0.153	Ca (%)
P (%)																				1.000	-0.363	0.327	0.736	0.229	0.755	0.380	0.727	0.305	0.320	-0.073	0.195	-0.029	0.399	0.320	0.732	0.397	-0.147	P (%)
La (ppm)																					1.000	-0.171	-0.405	0.097	-0.124	-0.105	-0.183	0.250	-0.045	0.311	-0.069	0.073	-0.026	-0.029	-0.164	-0.297	0.336	La (ppm)
Cr (ppm)																						1.000	0.218	0.168	0.386	0.234	0.222	0.227	0.181	0.059	0.077	-0.183	0.155	0.047	0.259	0.316	0.095	Cr (ppm)
Mg (%)																							1.000	0.308	0.553	0.321	0.914	0.080	0.516	-0.078	0.379	-0.044	0.361	0.352	0.814	0.451	-0.220	Mg (%)
Ba (ppm)																								1.000	0.047	-0.009	0.328	0.094	0.252	-0.064	0.041	0.042	0.476	0.144	0.055	-0.039	-0.203	Ba (ppm)
Ti (%)																									1.000	0.401	0.701	0.690	0.408	0.181	0.323	-0.149	0.181	0.223	0.626	0.512	0.167	Ti (%)
B (ppm)																										1.000	0.525	0.339	0.620	0.268	0.598	0.499	0.453	0.309	0.510	0.729	0.283	B (ppm)
Al (%)																											1.000	0.434	0.717	0.065	0.580	-0.033	0.420	0.408	0.811	0.650	0.014	Al (%)
Na (%)																												1.000	0.280	0.266	0.254	-0.092	0.024	0.040	0.491	0.446	0.372	Na (%)
K (%)																													1.000	0.111	0.851	0.050	0.550	0.483	0.636	0.770	0.194	K (%)
W (ppm)																														1.000	0.176	0.582	0.033	0.145	0.162	0.561	0.349	W (ppm)
Tl (ppm)																															1.000	0.360	0.616	0.733	0.566	0.699	0.434	Tl (ppm)
Hg (ppb)																																1.000	0.604	0.463	0.023	-0.210	0.798	Hg (ppb)
Se (ppm)																																	1.000	0.758	0.318	0.334	0.245	Se (ppm)
Te (ppm)																																		1.000	0.379	0.360	0.297	Te (ppm)
Ga (ppm)																																			1.000	0.642	0.136	Ga (ppm)
S (%)																																				1.000	0.126	S (%)
Sn (ppm)																																					1.000	Sn (ppm)

Appendix B - Table 2
Correlation Matrix for Pan Concentrate Sample Results

Appendix B - Table 3

Correlation matrix for Soil samples
For samples from the Au and P Claims

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	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)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)	
Mo (ppm)	1.000	0.398	0.413	0.490	0.626	0.060	0.060	0.332	0.174	0.097	0.721	0.063	0.569	0.080	0.547	0.609	0.639	-0.111	0.182	0.263	0.481	0.115	0.072	0.001	-0.103	-0.070	-0.176	-0.160	0.007	0.802	-0.003	-0.141	-0.216	-0.125	0.217	-0.090	0.615	Mo (ppm)
Cu (ppm)		1.000	0.290	0.285	0.644	-0.172	0.105	0.297	0.220	0.200	0.808	0.235	0.857	0.366	0.603	0.768	0.739	-0.136	0.480	0.534	0.681	0.083	0.104	-0.190	0.120	0.209	-0.391	0.023	0.215	0.752	0.157	-0.340	-0.216	-0.028	0.259	0.510	0.866	Cu (ppm)
Pb (ppm)			1.000	0.866	0.545	0.027	-0.023	0.310	0.002	0.150	0.652	0.191	0.536	0.038	0.837	0.530	0.335	-0.319	0.131	0.139	0.464	0.009	0.031	0.017	-0.225	0.091	-0.044	-0.176	-0.026	0.300	0.005	0.008	-0.162	-0.180	0.043	-0.147	0.468	Pb (ppm)
Zn (ppm)				1.000	0.540	0.146	0.105	0.453	0.148	0.225	0.701	0.215	0.551	-0.042	0.878	0.556	0.389	-0.201	0.066	0.102	0.486	0.090	0.095	0.166	-0.189	0.164	-0.011	-0.121	0.020	0.350	0.065	0.089	-0.205	-0.126	0.067	-0.159	0.473	Zn (ppm)
Ag (ppb)					1.000	0.075	0.135	0.448	0.319	0.319	0.780	0.178	0.711	0.193	0.857	0.674	0.653	-0.006	0.337	0.436	0.657	0.259	0.260	0.183	0.093	0.176	-0.253	0.031	0.252	0.780	0.285	-0.246	-0.196	0.218	0.311	0.257	0.771	Ag (ppb)
Ni (ppm)						1.000	0.856	0.711	0.654	0.670	-0.046	-0.012	-0.107	-0.159	-0.059	0.027	0.011	0.498	-0.184	-0.274	-0.103	0.775	0.764	0.457	0.249	0.034	0.586	-0.054	0.546	-0.015	0.676	0.021	0.068	0.277	0.439	-0.150	-0.199	Ni (ppm)
Co (ppm)							1.000	0.705	0.666	0.668	0.088	0.028	0.065	-0.144	0.010	0.147	0.106	0.456	-0.157	-0.246	0.026	0.651	0.737	0.287	0.343	0.228	0.459	-0.005	0.528	0.145	0.685	-0.090	0.069	0.238	0.354	-0.133	0.014	Co (ppm)
Mn (ppm)								1.000	0.596	0.526	0.403	0.096	0.379	0.011	0.370	0.338	0.309	0.271	0.071	-0.003	0.337	0.683	0.716	0.333	0.234	0.161	0.339	-0.211	0.547	0.445	0.596	-0.205	-0.177	0.060	0.569	-0.137	0.306	Mn (ppm)
Fe (%)									1.000	0.773	0.173	0.255	0.089	-0.014	0.099	0.294	0.265	0.816	-0.002	0.239	0.108	0.782	0.785	0.524	0.608	0.172	0.083	0.283	0.772	0.238	0.863	-0.142	0.198	0.495	0.398	0.326	0.158	Fe (%)
As (ppm)										1.000	0.218	0.300	0.123	-0.053	0.190	0.391	0.311	0.582	-0.093	0.055	0.126	0.657	0.623	0.413	0.335	0.135	0.141	0.241	0.624	0.146	0.803	0.207	0.226	0.633	0.269	0.311	0.083	As (ppm)
U (ppm)											1.000	0.240	0.924	0.110	0.897	0.918	0.852	-0.276	0.270	0.357	0.858	0.032	0.058	-0.054	-0.130	0.145	-0.291	-0.094	0.054	0.823	0.061	-0.144	-0.263	-0.103	0.149	0.002	0.865	U (ppm)
Au (ppb)												1.000	0.176	-0.003	0.297	0.285	0.255	0.259	0.038	0.355	0.156	0.107	0.183	0.219	0.323	0.347	-0.363	0.211	0.284	0.067	0.308	-0.121	0.332	0.231	-0.251	0.262	0.072	Au (ppb)
Th (ppm)													1.000	0.330	0.794	0.850	0.771	-0.329	0.474	0.440	0.963	0.042	0.050	-0.249	-0.098	0.138	-0.250	-0.119	0.065	0.797	0.016	-0.301	-0.351	-0.209	0.260	-0.098	0.879	Th (ppm)
Sr (ppm)														1.000	0.022	-0.029	-0.035	0.071	0.945	0.707	0.428	0.271	0.060	-0.335	0.276	0.015	-0.136	0.165	0.222	0.216	-0.001	-0.441	-0.321	-0.092	0.467	0.587	0.326	Sr (ppm)
Cd (ppm)															1.000	0.800	0.640	-0.305	0.161	0.248	0.719	-0.049	-0.030	-0.047	-0.228	0.139	-0.244	-0.139	-0.033	0.560	-0.009	0.017	-0.242	-0.162	0.040	-0.038	0.692	Cd (ppm)
Sb (ppm)																1.000	0.895	-0.167	0.101	0.276	0.802	0.055	0.094	-0.063	-0.127	0.124	-0.248	-0.047	0.102	0.712	0.175	-0.009	-0.084	0.029	0.083	0.148	0.750	Sb (ppm)
Bi (ppm)																	1.000	-0.081	0.111	0.293	0.749	0.040	0.079	0.051	-0.046	0.035	-0.268	0.015	0.098	0.766	0.151	-0.088	-0.148	0.141	0.099	0.071	0.729	Bi (ppm)
V (ppm)																		1.000	0.000	0.261	-0.276	0.681	0.637	0.530	0.750	-0.001	0.018	0.432	0.719	-0.105	0.757	-0.124	0.307	0.575	0.266	0.468	-0.225	V (ppm)
Ca (%)																			1.000	0.775	0.554	0.259	0.100	-0.250	0.271	0.068	-0.238	0.186	0.233	0.391	0.003	-0.538	-0.416	-0.152	0.421	0.257	0.468	Ca (%)
P (%)																				1.000	0.506	0.251	0.176	0.055	0.518	0.016	-0.615	0.384	0.423	0.379	0.224	-0.498	0.015	0.116	0.150	0.607	0.478	P (%)
La (ppm)																					1.000	0.084	0.054	-0.237	-0.070	0.171	-0.248	-0.074	0.087	0.716	0.020	-0.281	-0.373	-0.151	0.314	-0.067	0.855	La (ppm)
Cr (ppm)																						1.000	0.894	0.475	0.597	0.083	0.235	0.176	0.873	0.185	0.826	-0.309	0.019	0.285	0.635	0.217	-0.002	Cr (ppm)
Mg (%)																							1.000	0.569	0.699	0.169	0.250	0.160	0.888	0.160	0.903	-0.418	0.174	0.302	0.446	0.139	0.024	Mg (%)
Ba (ppm)																								1.000	0.483	-0.007	-0.015	0.250	0.526	-0.073	0.602	-0.008	0.226	0.448	-0.008	0.274	-0.149	Ba (ppm)
Ti (%)																									1.000	0.094	-0.136	0.505	0.803	-0.008	0.706	-0.548	0.385	0.315	0.155	0.512	-0.035	Ti (%)
B (ppm)																										1.000	0.064	0.172	0.054	0.044	0.147	-0.020	-0.019	0.134	-0.031	-0.048	0.207	B (ppm)
Al (%)																											1.000	-0.324	-0.046	-0.327	0.102	0.156	-0.114	-0.037	0.409	-0.511	-0.288	Al (%)
Na (%)																												1.000	0.370	-0.069	0.311	-0.017	0.345	0.420	-0.324	0.797	-0.155	Na (%)
K (%)																													1.000	0.161	0.918	-0.423	0.281	0.366	0.410	0.510	0.020	K (%)
W (ppm)																														1.000	0.107	-0.366	-0.422	-0.114	0.318	-0.014	0.816	W (ppm)
Tl (ppm)																															1.000	-0.207	0.338	0.565	0.354	0.395	0.015	Tl (ppm)
Hg (ppb)																																1.000	0.112	0.226	-0.248	0.004	-0.311	Hg (ppb)
Se (ppm)																																	1.000	0.316	-0.428	0.687	-0.414	Se (ppm)
Te (ppm)																																		1.000	0.022	0.426	-0.069	Te (ppm)
Ga (ppm)																																			1.000	-0.184	0.317	Ga (ppm)
S (%)																																				1.000	-0.168	S (%)
Sn (ppm)																																					1.000	Sn (ppm)

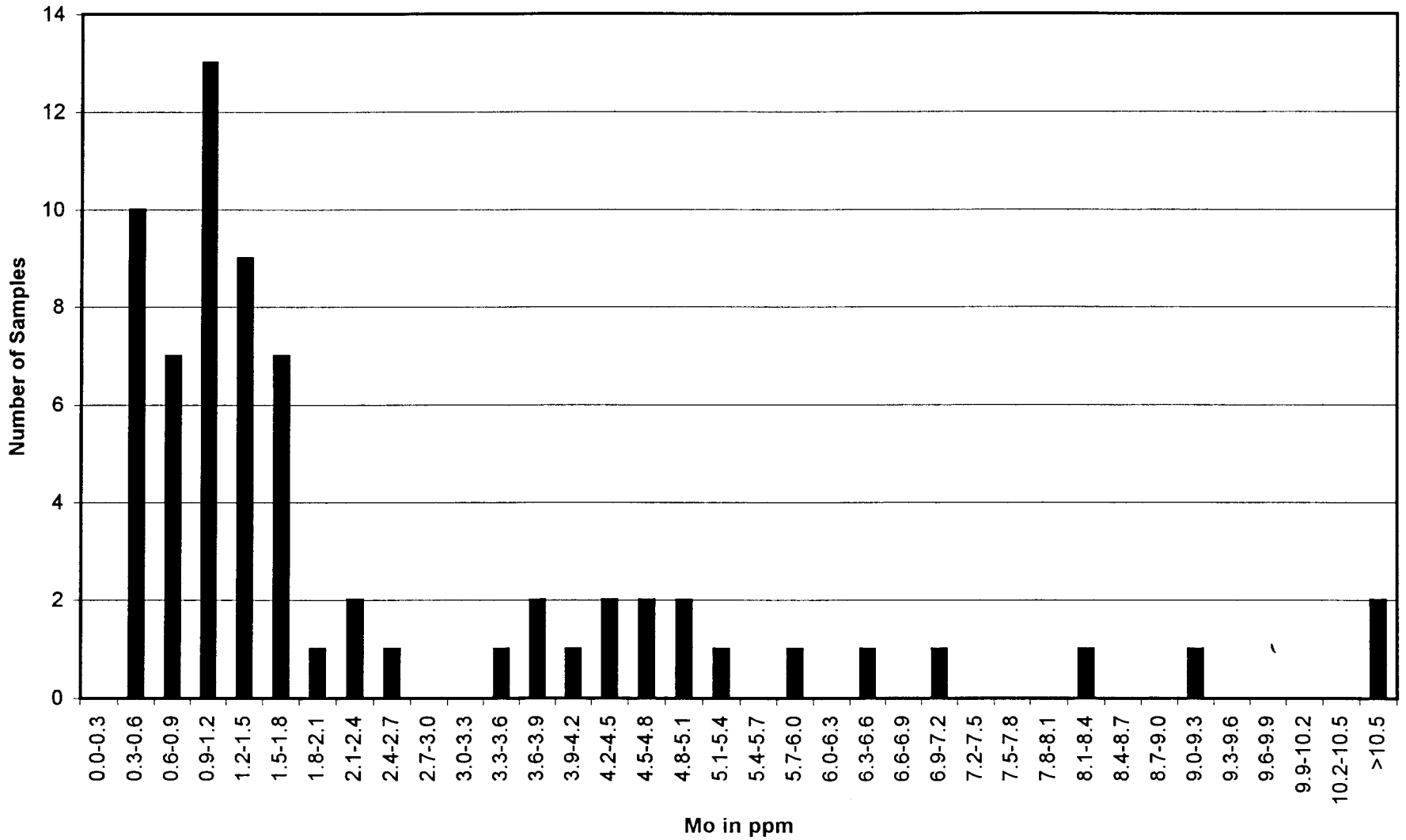
Appendix B - Table 4

Correlation matrix for Soil samples
For samples from the Au and P Claims

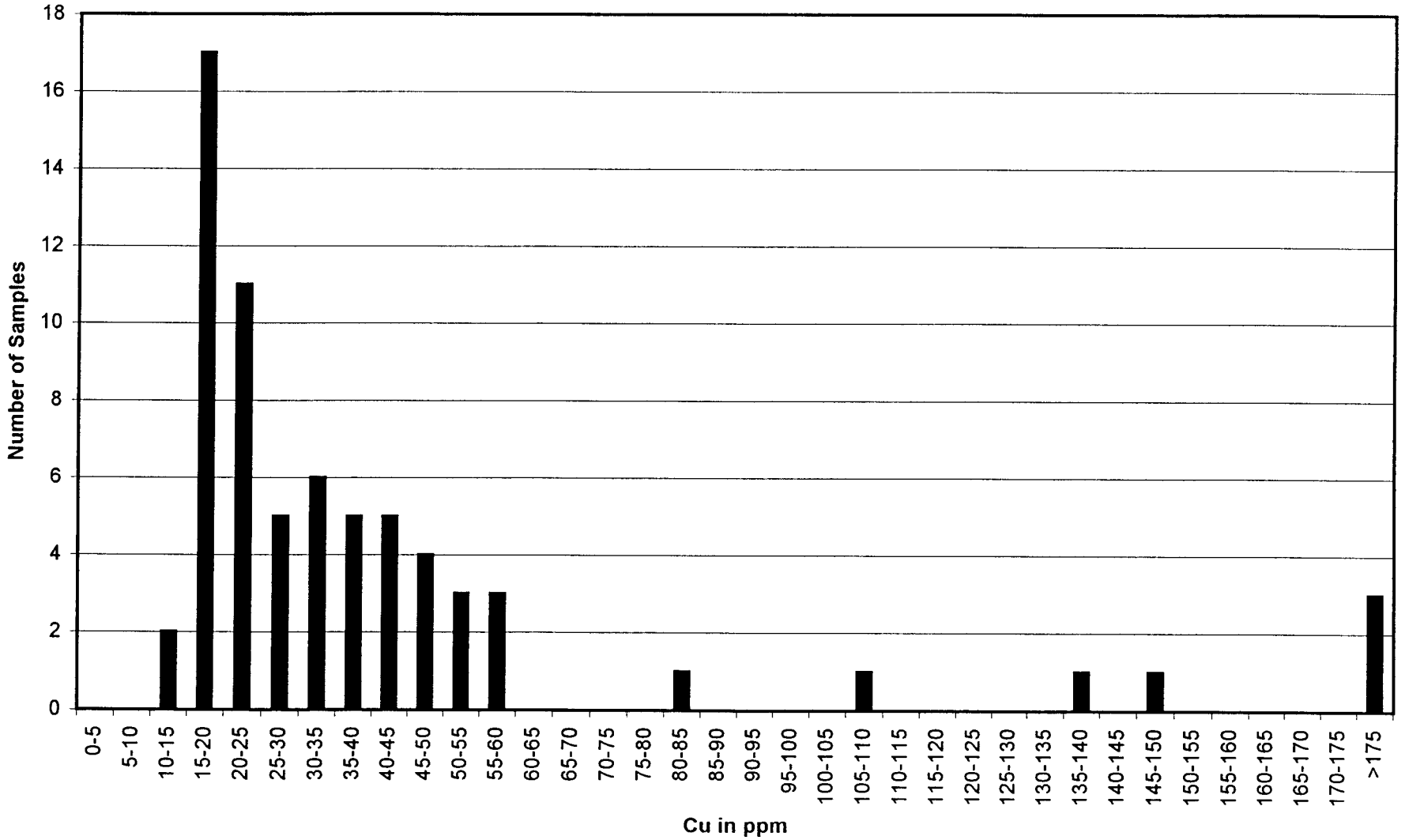
	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppb)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	U (ppm)	Au (ppb)	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Tl (ppm)	Hg (ppb)	Se (ppm)	Te (ppm)	Ga (ppm)	S (%)	Sn (ppm)	
Mo (ppm)	1.000	-0.066	-0.096	-0.069	-0.071	-0.137	-0.196	-0.103	-0.225	-0.082	0.663	-0.174	0.624	-0.242	-0.045	-0.223	-0.181	-0.269	-0.120	-0.185	0.459	-0.171	-0.249	-0.171	-0.362	0.615	-0.250	-0.225	-0.131	0.042	-0.202	0.286	-0.192	0.023	-0.165	-0.405	0.137	Mo (ppm)
Cu (ppm)		1.000	0.129	0.289	0.121	0.572	0.771	-0.046	0.491	0.039	-0.239	-0.095	-0.235	0.566	0.201	-0.112	0.269	0.339	0.258	0.080	-0.425	0.480	0.575	0.196	0.252	-0.300	0.666	0.634	0.053	-0.401	0.363	-0.678	0.563	0.143	0.322	0.231	-0.145	Cu (ppm)
Pb (ppm)			1.000	0.909	0.992	0.033	0.069	0.327	0.502	0.952	0.089	-0.074	-0.021	0.338	0.945	0.475	0.012	0.153	-0.043	0.689	0.201	0.064	0.229	0.420	0.405	-0.129	0.363	0.251	0.569	-0.199	0.574	0.384	0.735	0.947	0.430	0.245	0.115	Pb (ppm)
Zn (ppm)				1.000	0.886	0.331	0.331	0.350	0.456	0.834	0.051	-0.192	-0.089	0.488	0.968	0.354	-0.013	0.134	0.045	0.532	0.070	0.341	0.301	0.329	0.263	-0.139	0.440	0.381	0.490	-0.239	0.565	0.218	0.683	0.920	0.384	0.158	0.008	Zn (ppm)
Ag (ppb)					1.000	-0.005	0.030	0.339	0.520	0.965	0.088	-0.074	-0.011	0.289	0.919	0.444	0.017	0.150	-0.022	0.706	0.187	0.014	0.237	0.441	0.402	-0.115	0.338	0.186	0.561	-0.176	0.543	0.387	0.736	0.942	0.432	0.228	0.166	Ag (ppb)
Ni (ppm)						1.000	0.916	0.045	0.116	-0.069	-0.389	-0.138	-0.279	0.628	0.165	-0.096	0.130	0.073	0.351	-0.104	-0.425	0.921	0.278	-0.109	-0.080	-0.184	0.339	0.487	-0.240	-0.271	0.061	-0.472	0.136	0.178	-0.029	0.210	-0.212	Ni (ppm)
Co (ppm)							1.000	0.062	0.370	-0.040	-0.568	-0.022	-0.389	0.786	0.195	-0.021	0.247	0.375	0.384	0.079	-0.562	0.857	0.500	-0.015	0.190	-0.352	0.616	0.706	-0.045	-0.458	0.297	-0.548	0.352	0.154	0.245	0.343	-0.294	Co (ppm)
Mn (ppm)								1.000	0.367	0.399	-0.349	-0.206	-0.277	0.293	0.262	0.161	-0.056	0.273	0.676	0.533	-0.296	0.006	0.624	0.029	0.166	0.103	0.364	-0.057	0.074	-0.473	0.154	0.108	0.254	0.411	0.398	-0.150	-0.123	Mn (ppm)
Fe (%)									1.000	0.531	-0.469	0.100	-0.314	0.632	0.415	0.397	0.525	0.797	0.181	0.731	-0.457	0.273	0.791	0.253	0.593	-0.513	0.863	0.586	0.493	-0.616	0.718	0.023	0.810	0.474	0.894	0.694	0.048	Fe (%)
As (ppm)										1.000	0.030	-0.095	-0.039	0.221	0.863	0.480	0.047	0.155	-0.014	0.756	0.181	-0.038	0.237	0.324	0.326	-0.038	0.310	0.097	0.491	-0.143	0.507	0.421	0.713	0.937	0.431	0.257	0.065	As (ppm)
U (ppm)											1.000	-0.226	0.945	-0.542	0.089	-0.194	-0.310	-0.656	-0.360	-0.350	0.796	-0.615	-0.601	-0.078	-0.432	0.502	-0.596	-0.413	-0.087	0.483	-0.278	0.653	-0.168	0.306	-0.461	-0.403	0.458	U (ppm)
Au (ppb)												1.000	-0.293	0.103	-0.102	0.363	0.499	0.228	-0.079	0.113	-0.136	-0.060	-0.073	0.078	0.159	-0.214	0.018	0.100	0.169	-0.112	0.127	-0.454	-0.080	-0.232	0.105	0.398	-0.245	Au (ppb)
Th (ppm)													1.000	-0.420	-0.047	-0.168	-0.232	-0.446	-0.306	-0.226	0.759	-0.340	-0.462	-0.096	-0.255	0.484	-0.471	-0.332	-0.009	0.206	-0.213	0.805	-0.174	0.120	-0.273	-0.426	0.562	Th (ppm)
Sr (ppm)														1.000	0.404	0.336	0.319	0.598	0.295	0.408	-0.589	0.694	0.671	0.163	0.498	-0.483	0.844	0.862	0.326	-0.641	0.622	-0.313	0.608	0.348	0.658	0.562	-0.196	Sr (ppm)
Cd (ppm)															1.000	0.430	-0.008	0.110	-0.056	0.556	0.213	0.182	0.177	-0.149	0.373	0.339	0.565	-0.174	0.591	0.307	0.686	0.908	0.373	0.169	0.016	Cd (ppm)
Sb (ppm)																1.000	0.542	0.206	-0.112	0.493	-0.040	0.025	0.067	0.104	0.241	-0.031	0.281	0.250	0.441	-0.209	0.540	0.461	0.366	0.378	0.378	0.538	-0.105	Sb (ppm)
Bi (ppm)																	1.000	0.386	0.085	0.213	-0.331	0.246	0.265	0.037	0.132	-0.388	0.382	0.327	0.202	-0.293	0.405	-0.374	0.198	-0.055	0.344	0.696	-0.057	Bi (ppm)
V (ppm)																		1.000	0.124	0.610	-0.587	0.284	0.705	0.173	0.675	-0.609	0.812	0.649	0.482	-0.689	0.616	-0.207	0.457	0.056	0.849	0.557	-0.179	V (ppm)
Ca (%)																			1.000	0.232	-0.467	0.173	0.570	-0.138	0.127	-0.052	0.261	-0.027	-0.163	-0.327	-0.031	-0.439	0.089	-0.008	0.073	-0.169	-0.083	Ca (%)
P (%)																				1.000	-0.180	-0.029	0.540	0.202	0.678	-0.251	0.549	0.273	0.538	-0.534	0.540	0.178	0.671	0.610	0.726	0.345	0.003	P (%)
La (ppm)																					1.000	-0.464	-0.733	-0.045	-0.359	0.411	-0.623	-0.468	-0.041	0.514	-0.223	0.872	-0.120	0.265	-0.397	-0.309	0.312	La (ppm)
Cr (ppm)																						1.000	0.329	-0.139	-0.017	-0.297	0.463	0.626	-0.100	-0.337	0.234	-0.376	0.162	0.198	0.162	0.394	-0.207	Cr (ppm)
Mg (%)																							1.000	0.150	0.517	-0.385	0.872	0.548	0.254	-0.698	0.508	-0.333	0.606	0.250	0.748	0.258	-0.082	Mg (%)
Ba (ppm)																								1.000	0.552	-0.333	0.260	0.281	0.564	-0.229	0.414	0.814	0.334	0.450	0.225	0.204	0.184	Ba (ppm)
Tl (%)																									1.000	-0.666	0.608	0.576	0.699	-0.531	0.595	0.101	0.557	0.276	0.653	0.341	0.145	Tl (%)
B (ppm)																										1.000	-0.523	-0.565	-0.345	0.390	-0.383	0.830	-0.343	-0.004	-0.481	-0.649	-0.064	B (ppm)
Al (%)																											1.000	0.836	0.463	-0.716	0.767	-0.119	0.747	0.329	0.856	0.530	-0.184	Al (%)
Na (%)																												1.000	0.465	-0.586	0.722	-0.199	0.550	0.220	0.617	0.521	-0.189	Na (%)
K (%)																													1.000	-0.227	0.851	0.541	0.467	0.412	0.580	0.267	0.145	K (%)
W (ppm)																														1.000	-0.413	0.218	-0.410	-0.142	-0.690	-0.212	0.029	W (ppm)
Tl (ppm)																															1.000	0.505	0.685	0.486	0.723	0.497	-0.046	Tl (ppm)
Hg (ppb)																																1.000	0.267	0.363	0.098	0.162	0.266	Hg (ppb)
Se (ppm)																																	1.000	0.732	0.723	0.481	0.084	Se (ppm)
Te (ppm)																																		1.000	0.326	0.261	0.074	Te (ppm)
Ga (ppm)																																			1.000	0.522	0.061	Ga (ppm)
S (%)																																				1.000	-0.199	S (%)
Sn (ppm)																																					1.000	Sn (ppm)

Appendix B - Table 4
Correlation Matrix for Rock Sample Results

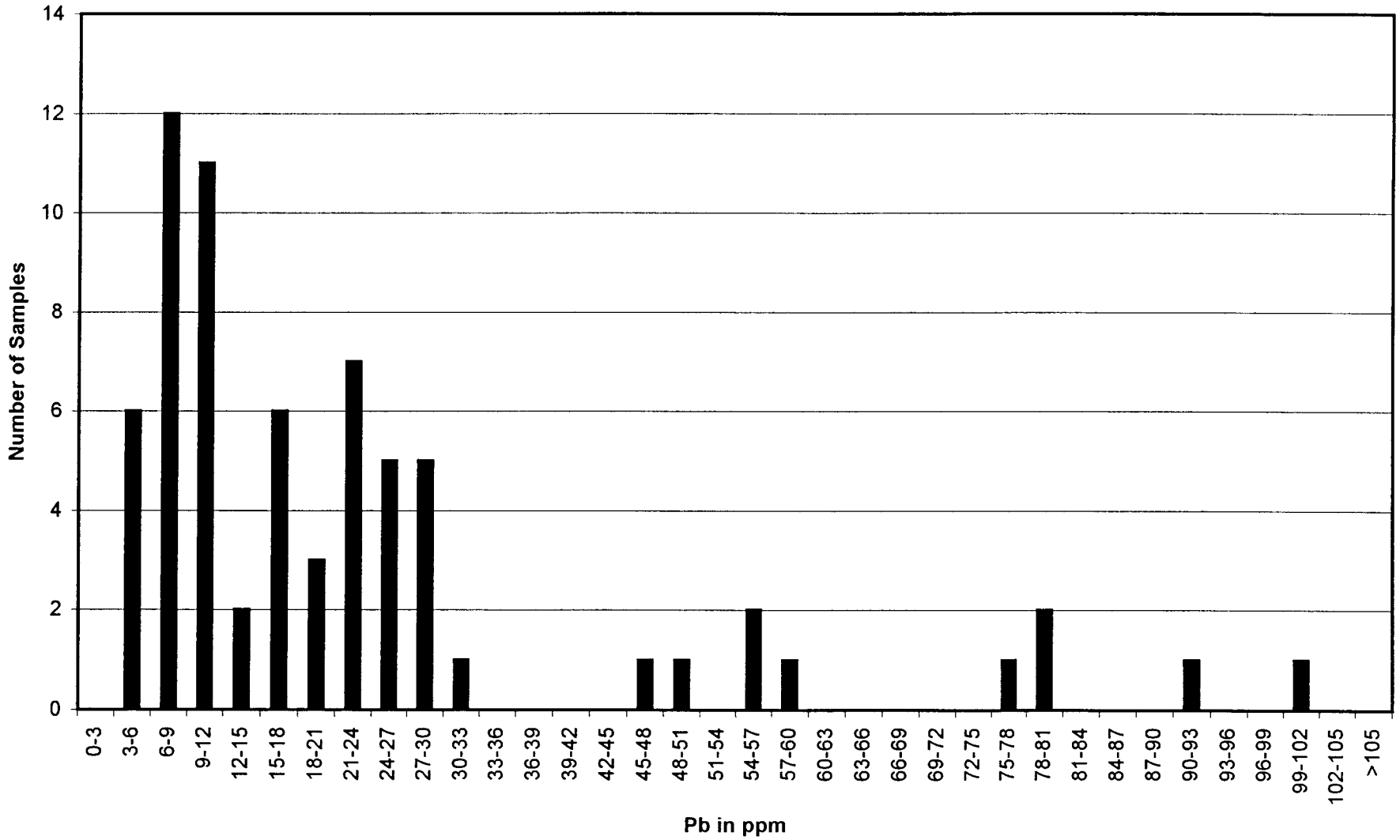
Mo in Silts, White River Area



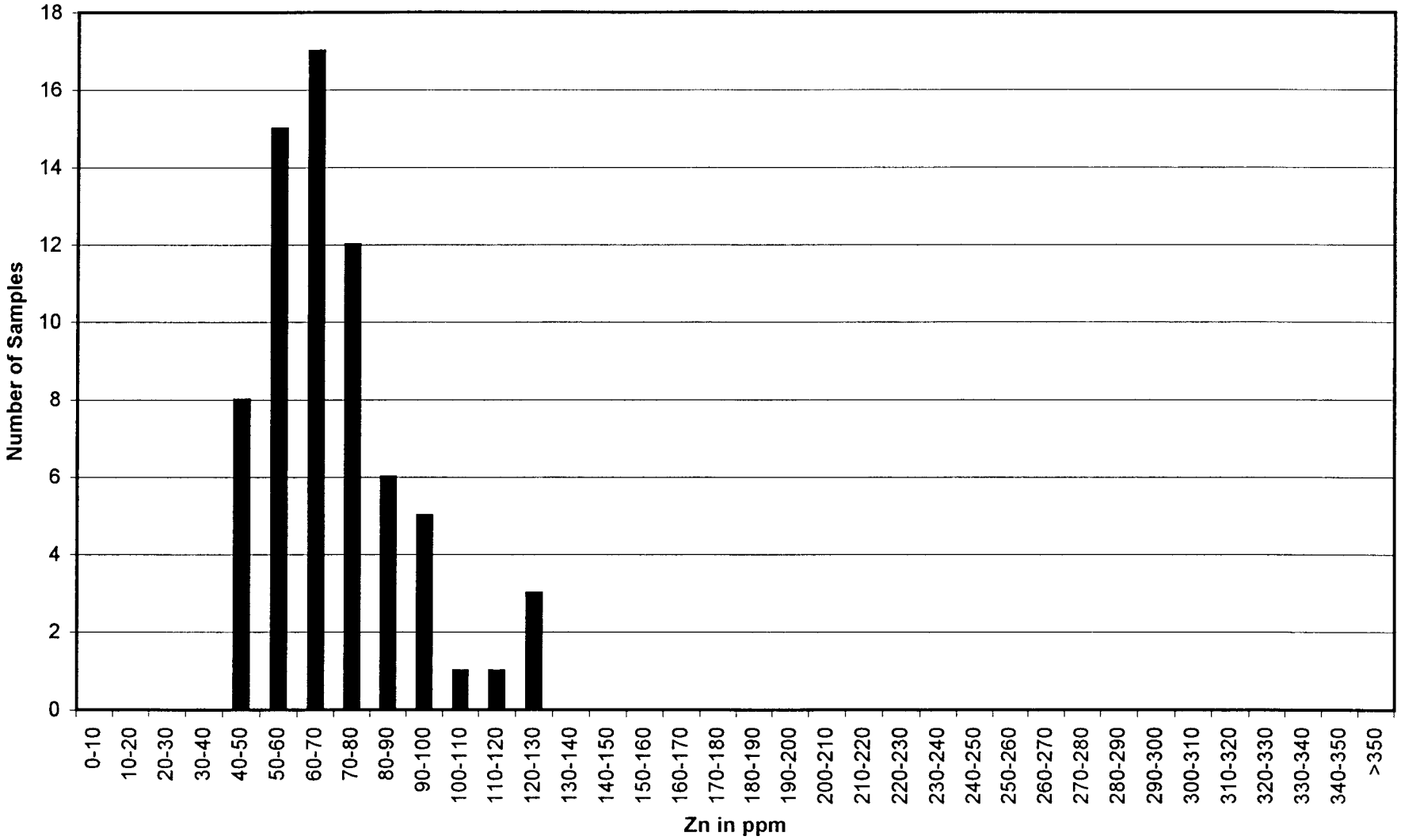
Cu in Silts, White River Area



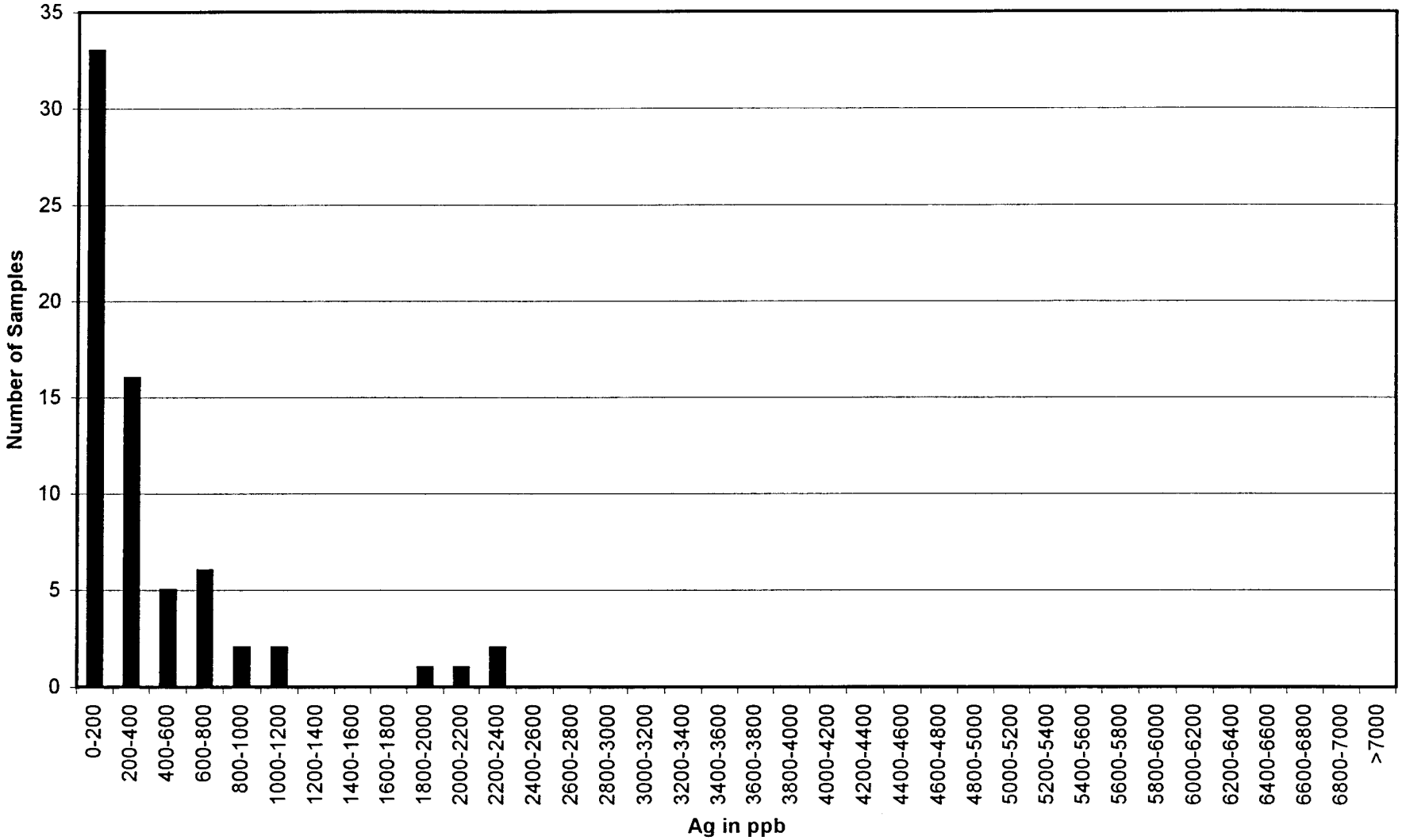
Pb in Silts, White River Area



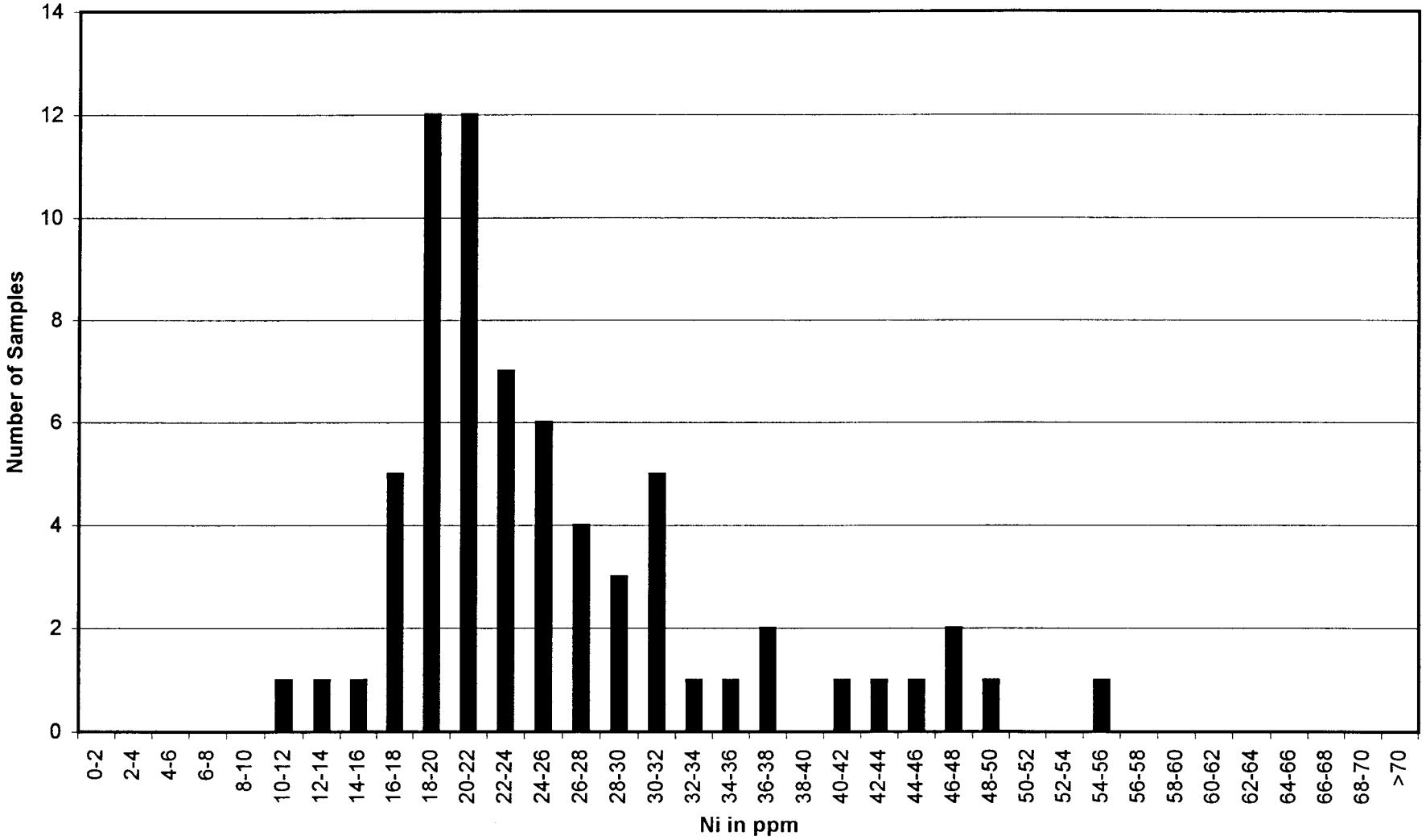
Zn in Silts, White River Area



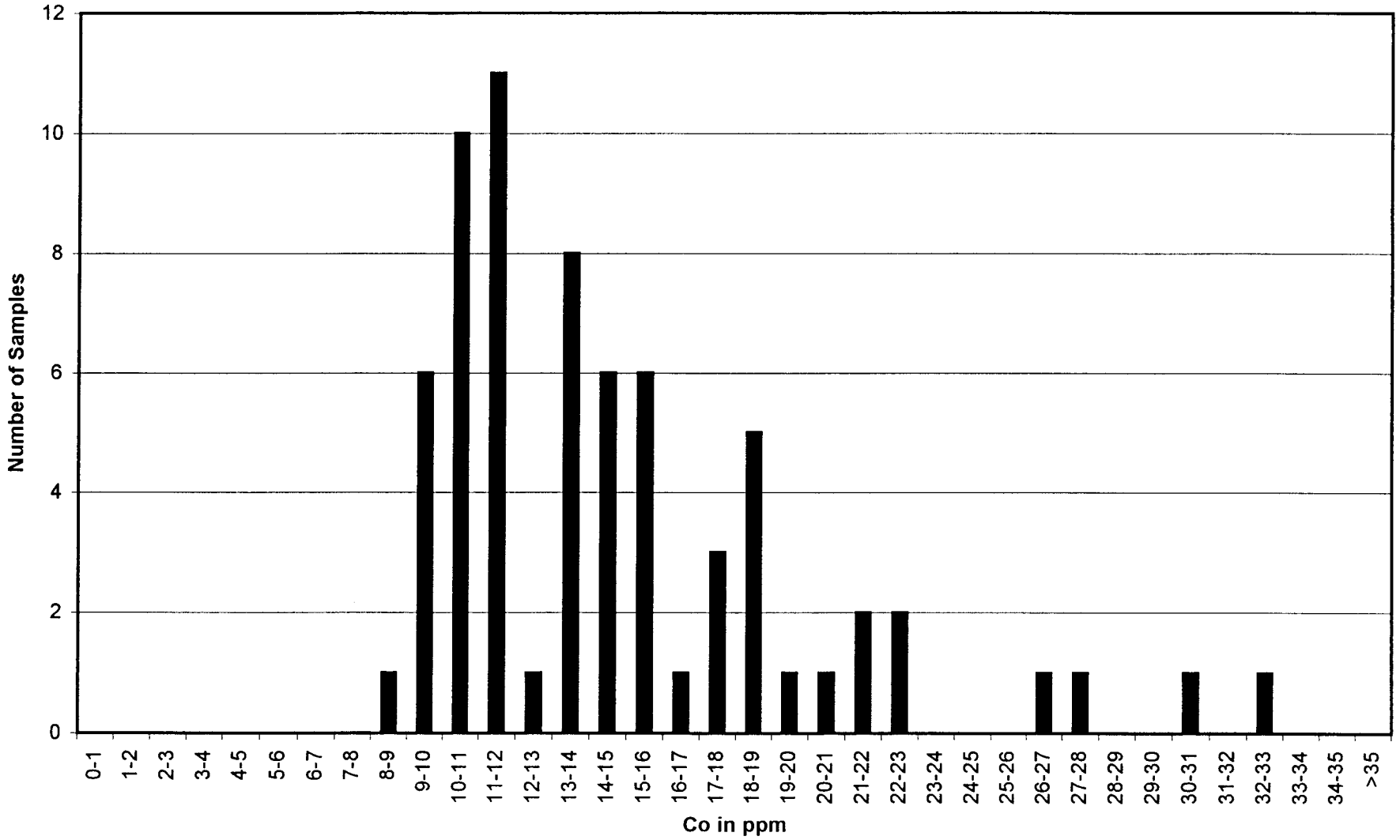
Ag in Silts, White River Area



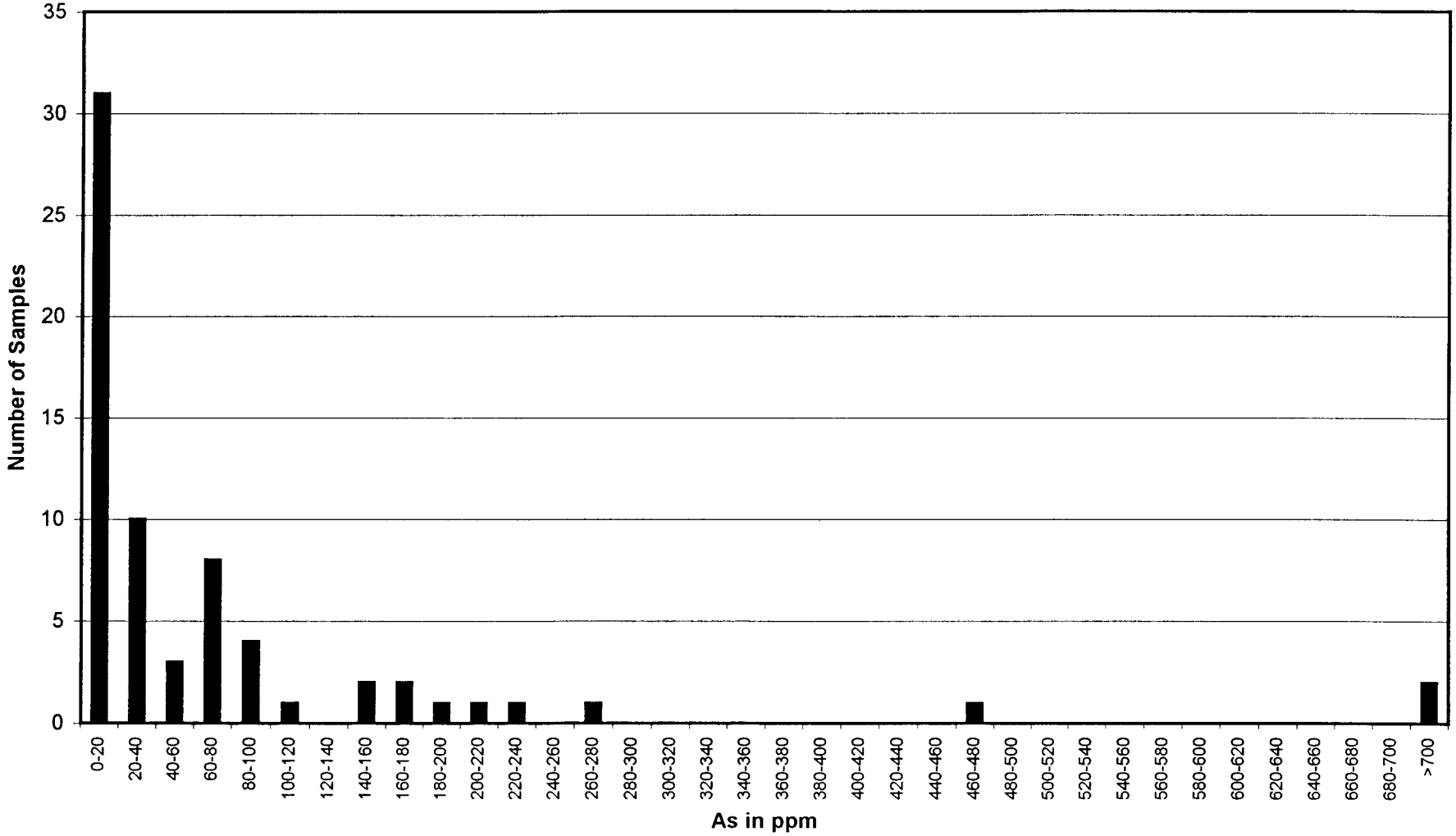
Ni in Silts, White River Area



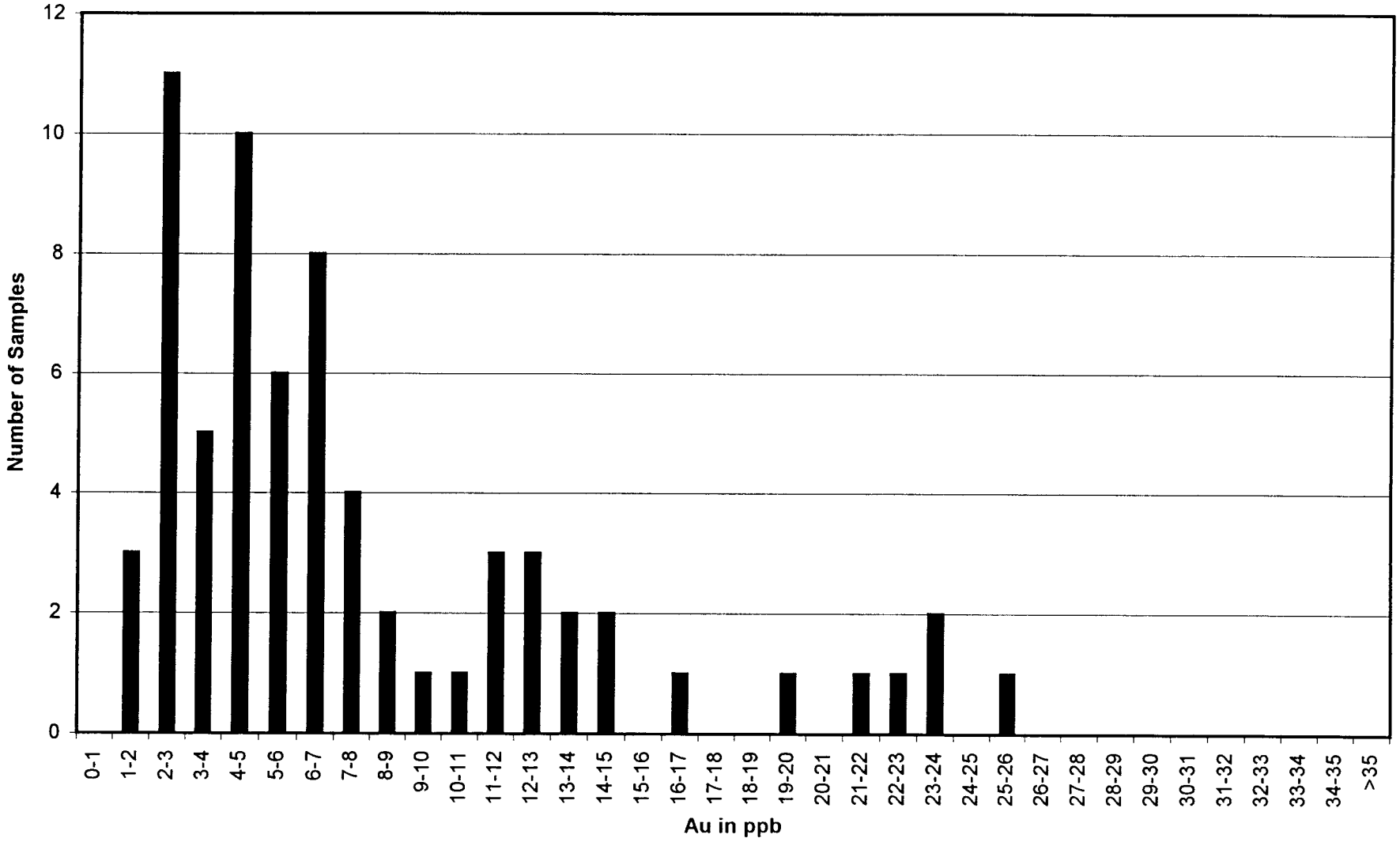
Co in Silts, White River Area



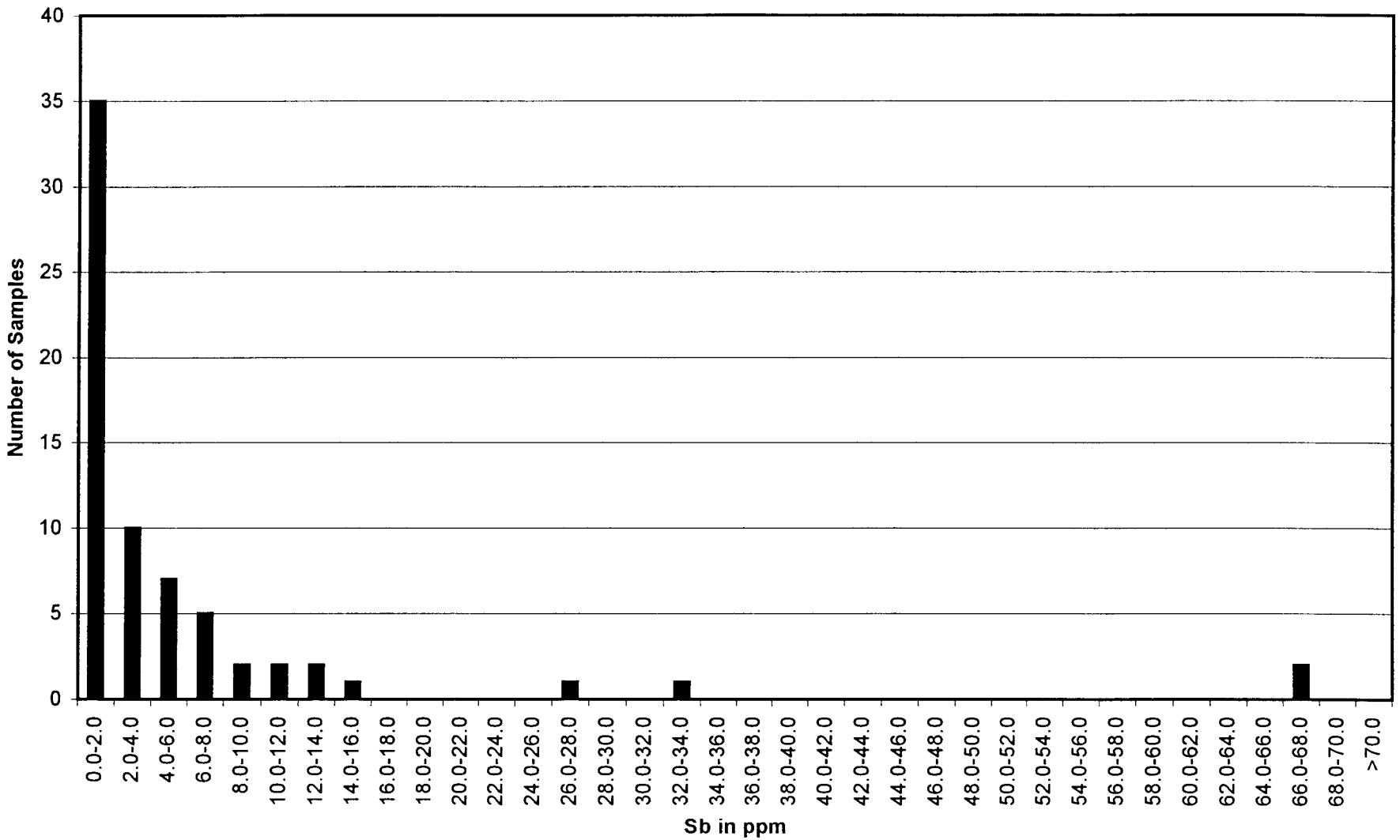
As in Silts, White River Area



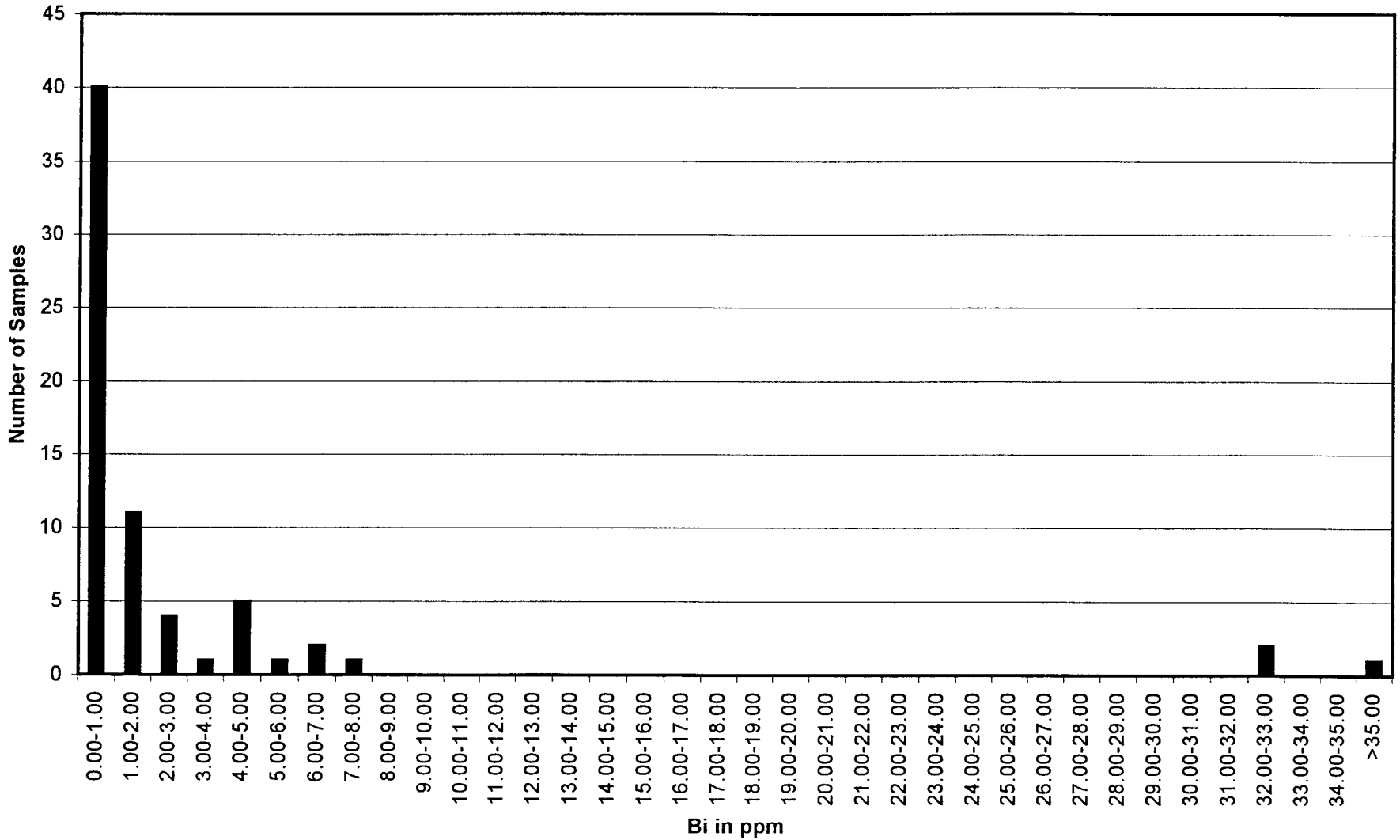
Au in Silts, White River Area



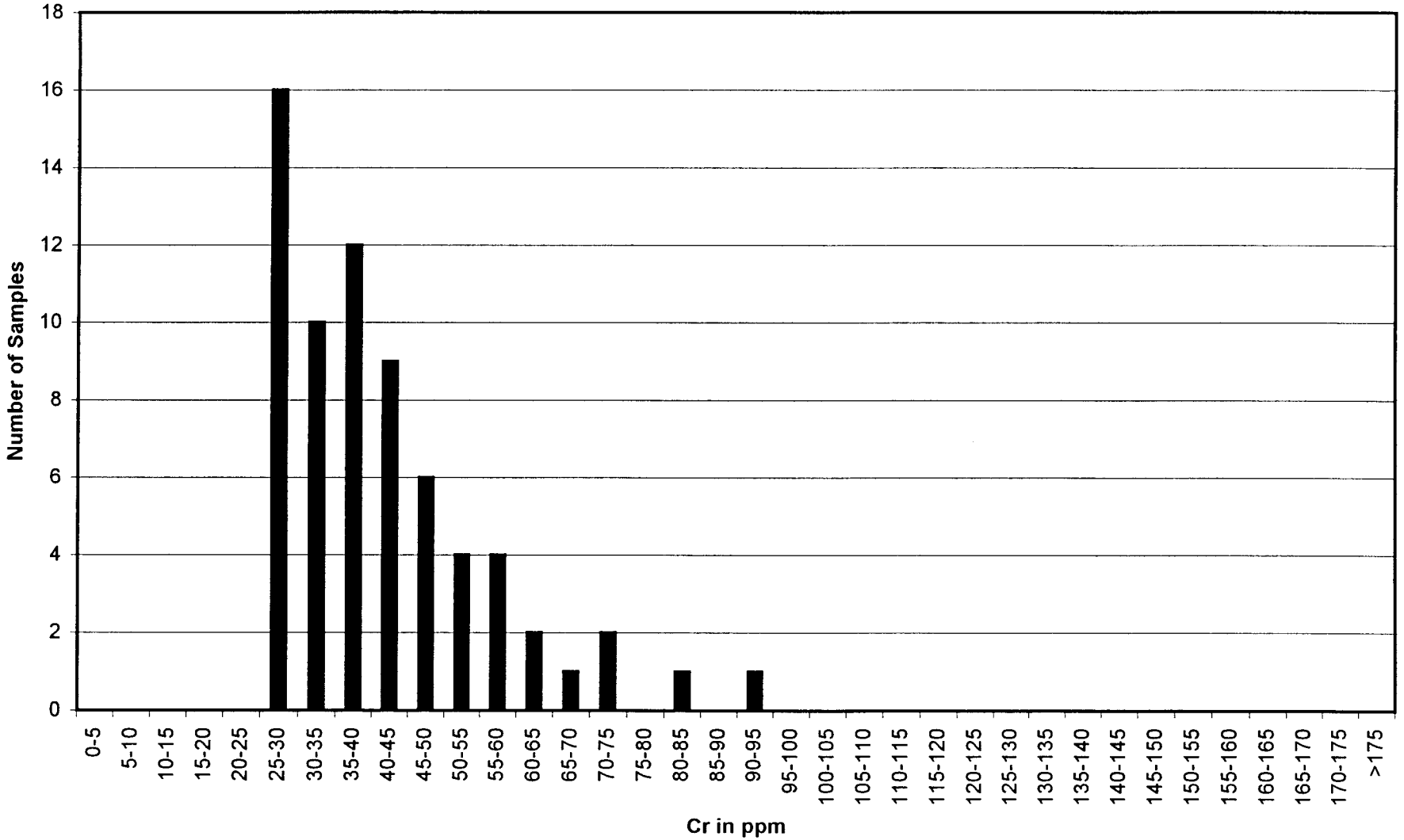
Sb in Silts, White River Area



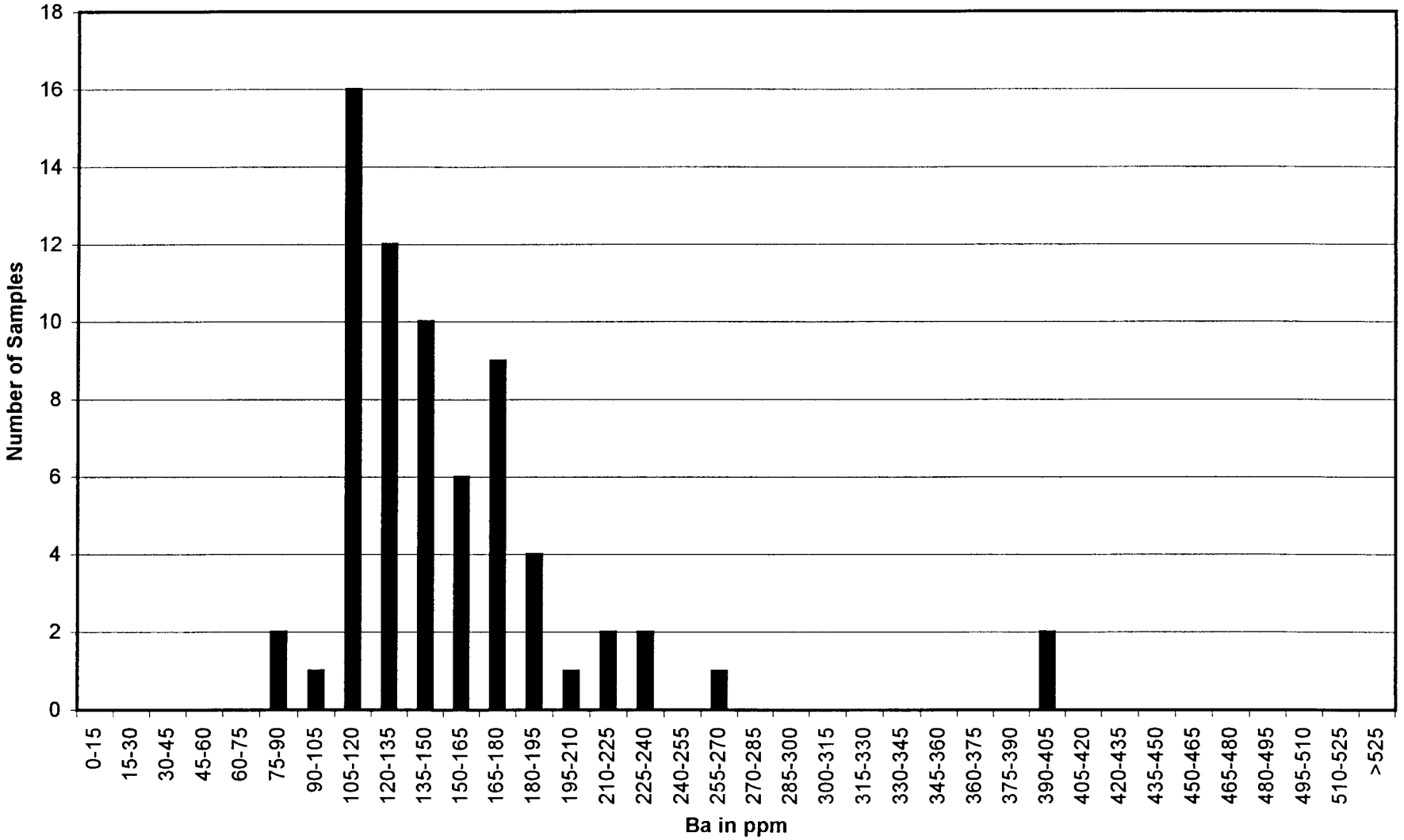
Bi in Silts, White River Area



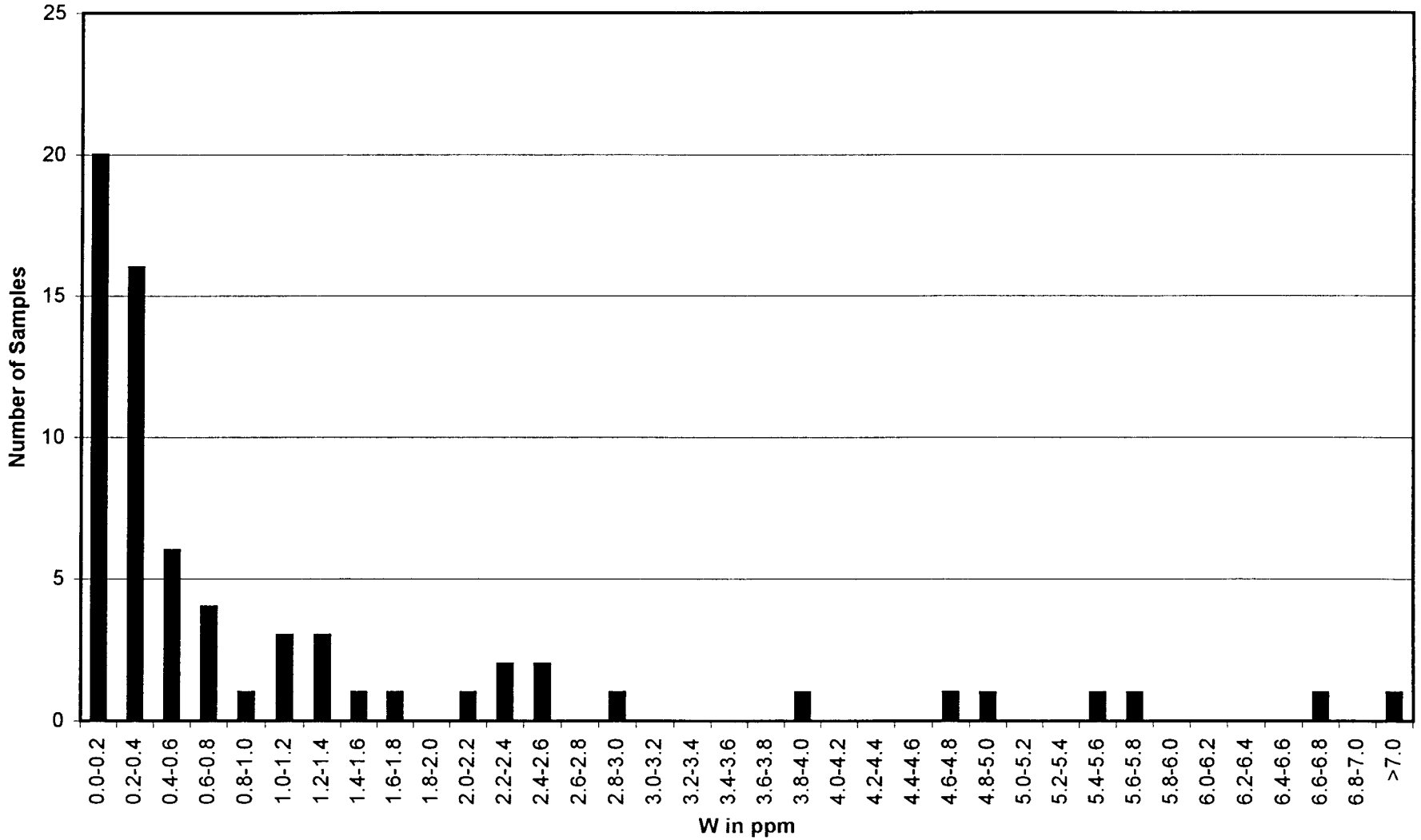
Cr in Silts, White River Area



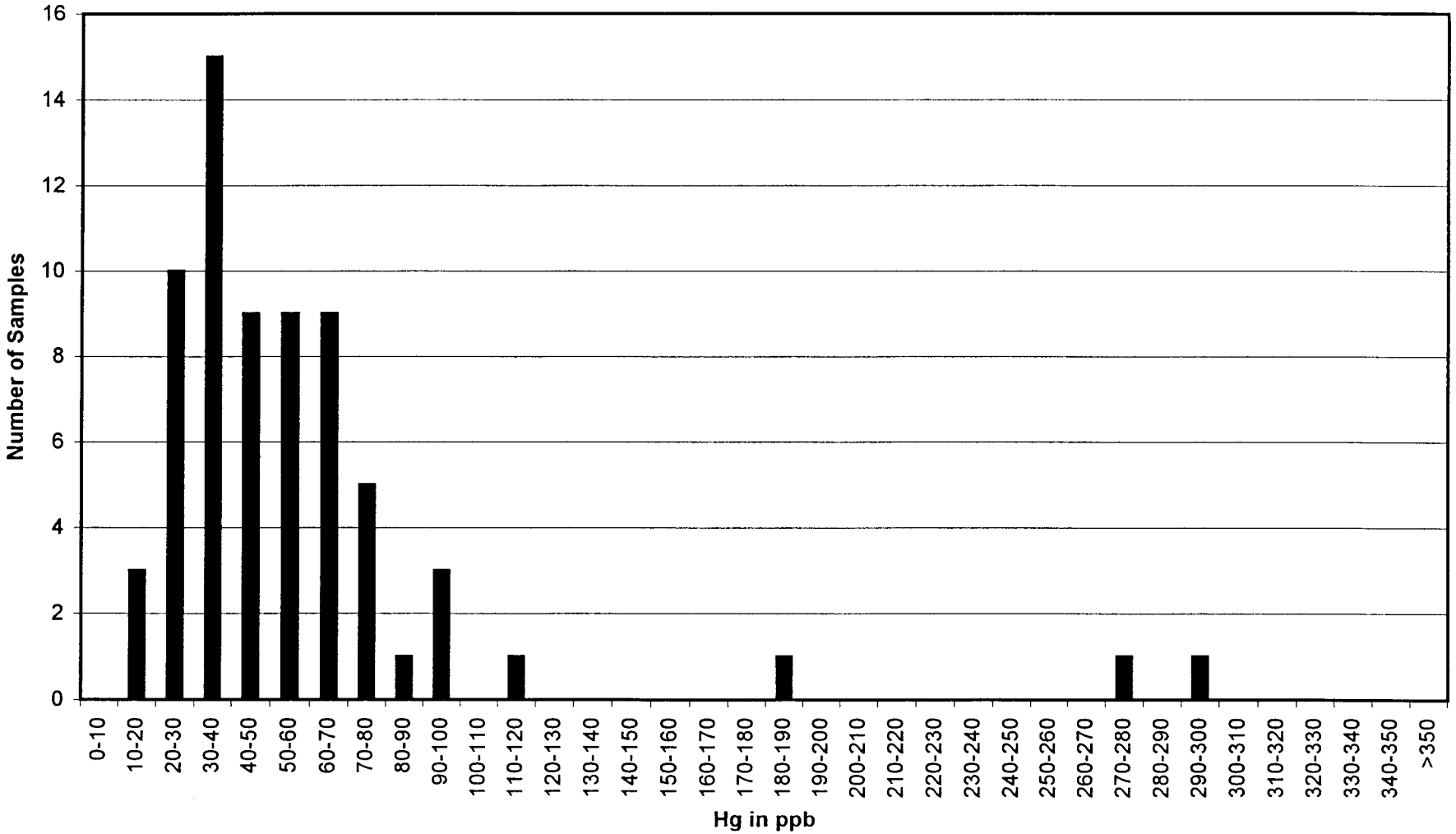
Ba in Silts, White River Area



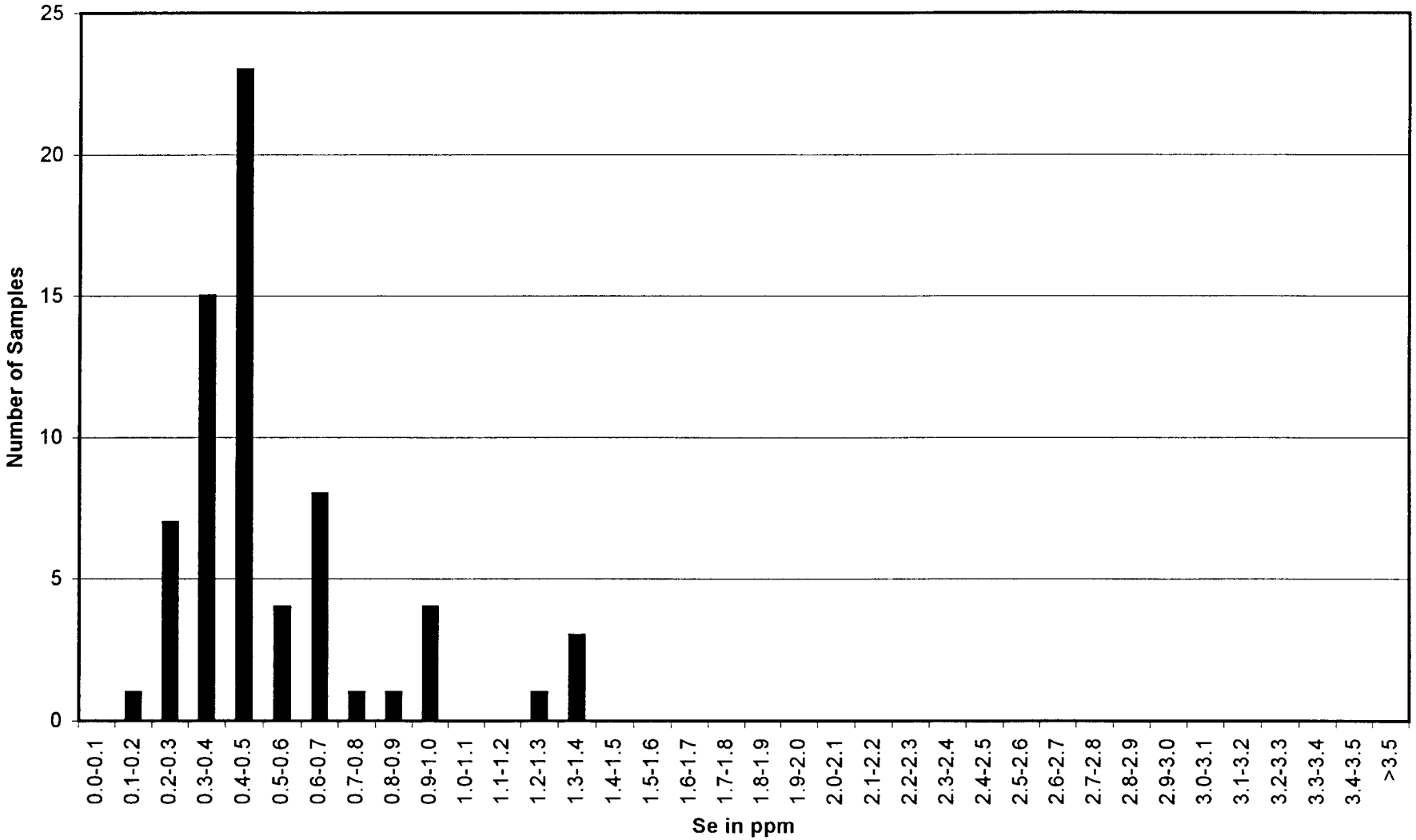
W in Silts, White River Area



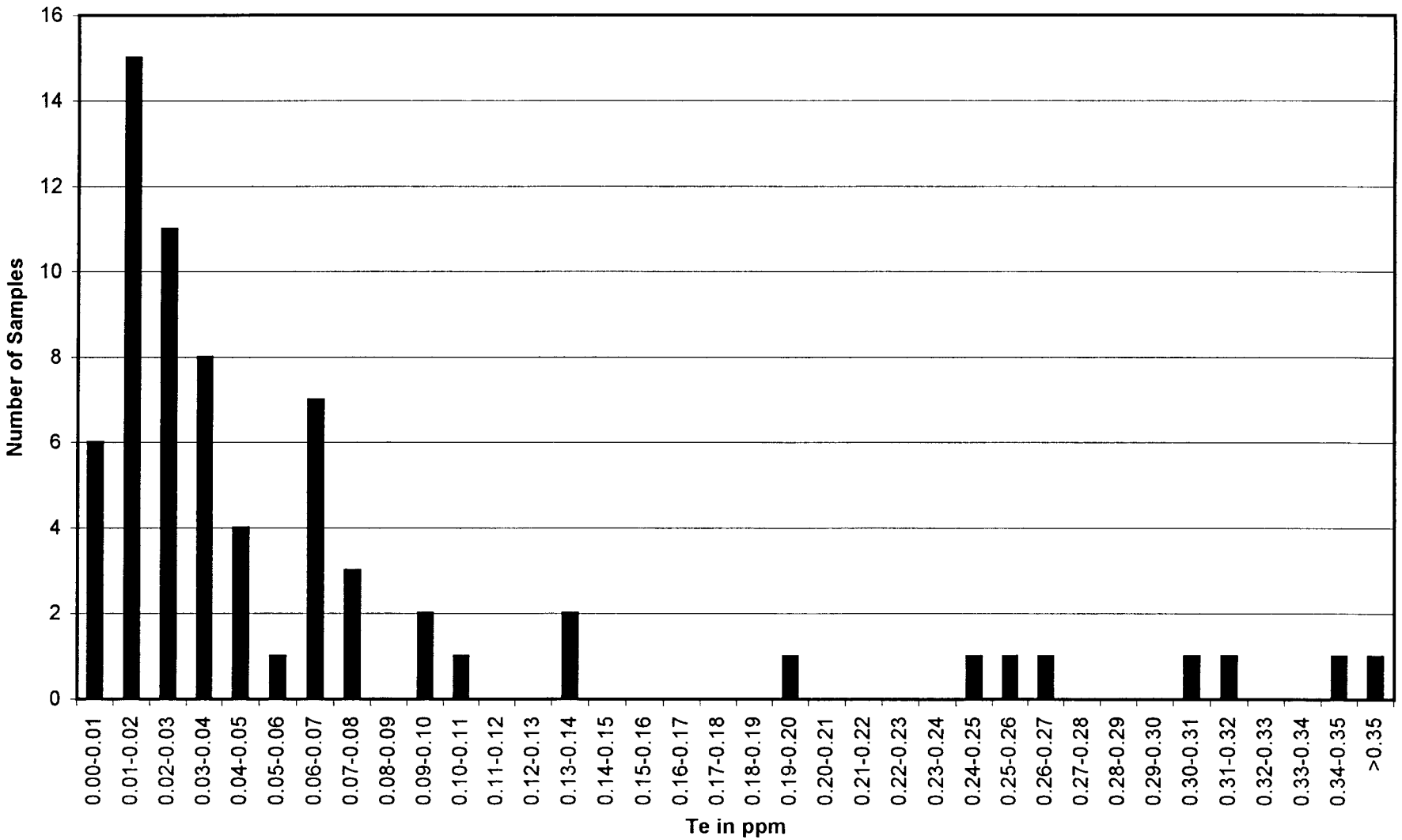
Hg in Silts, White River Area



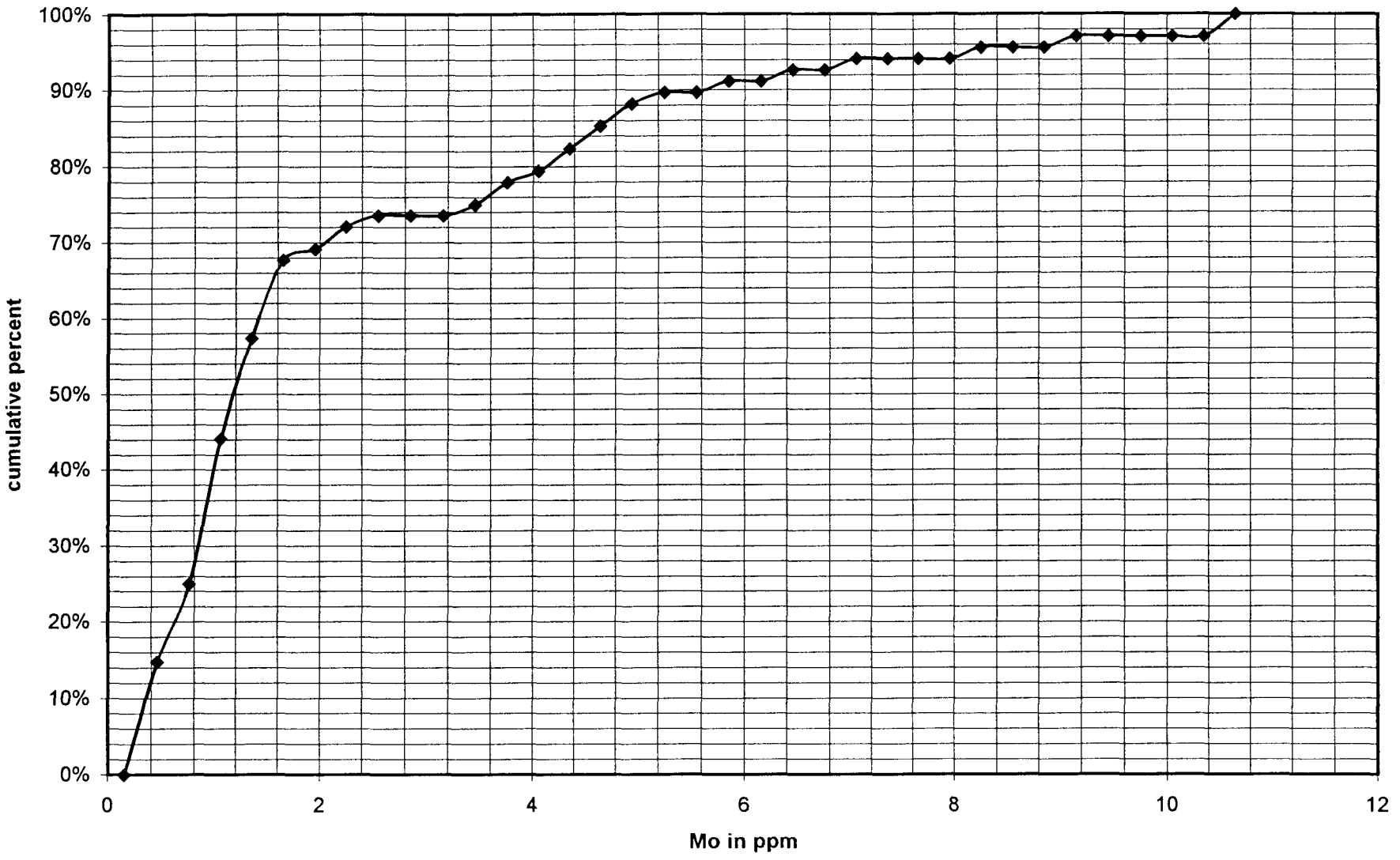
Se in Silts, White River Area



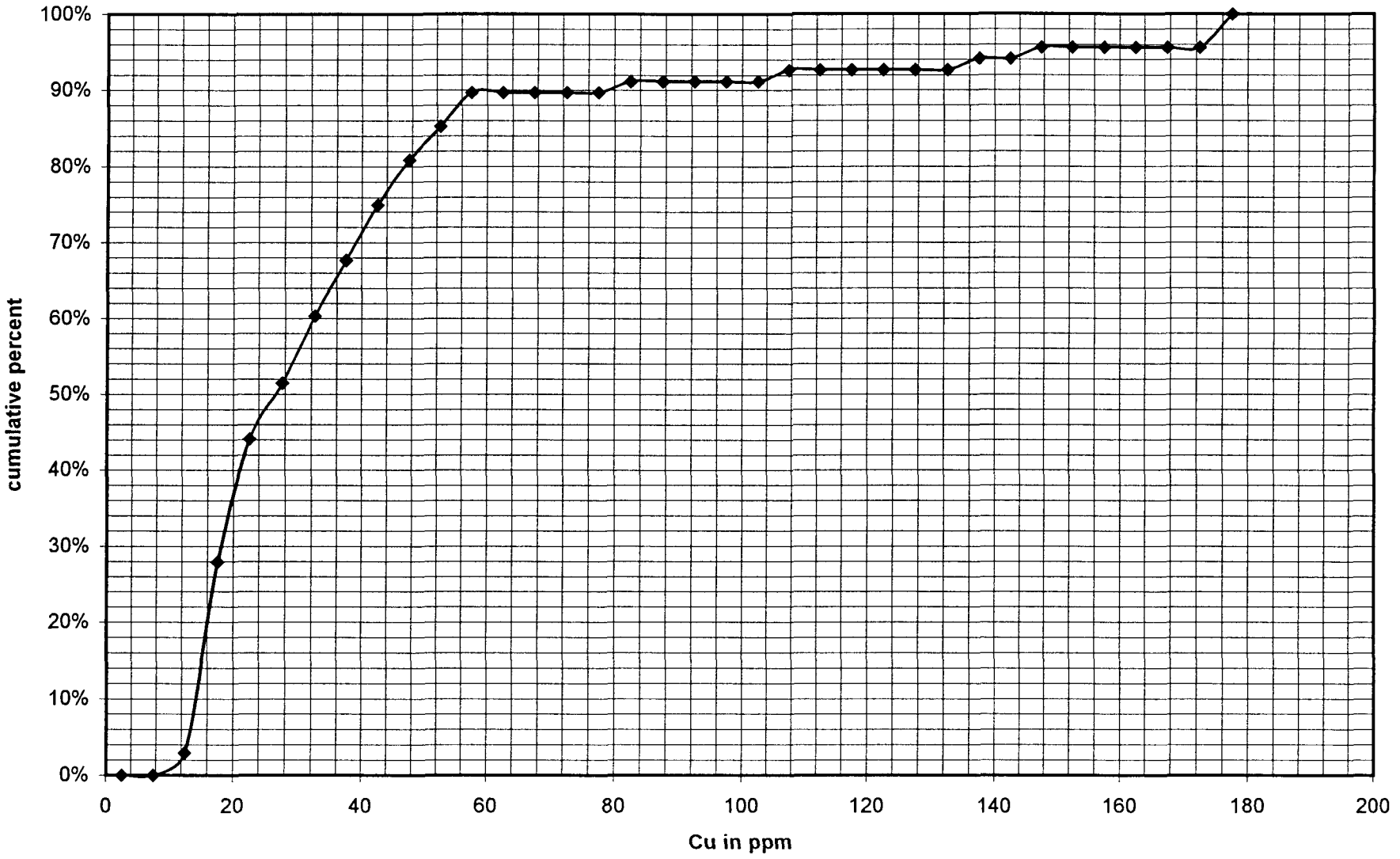
Te in Silts, White River Area



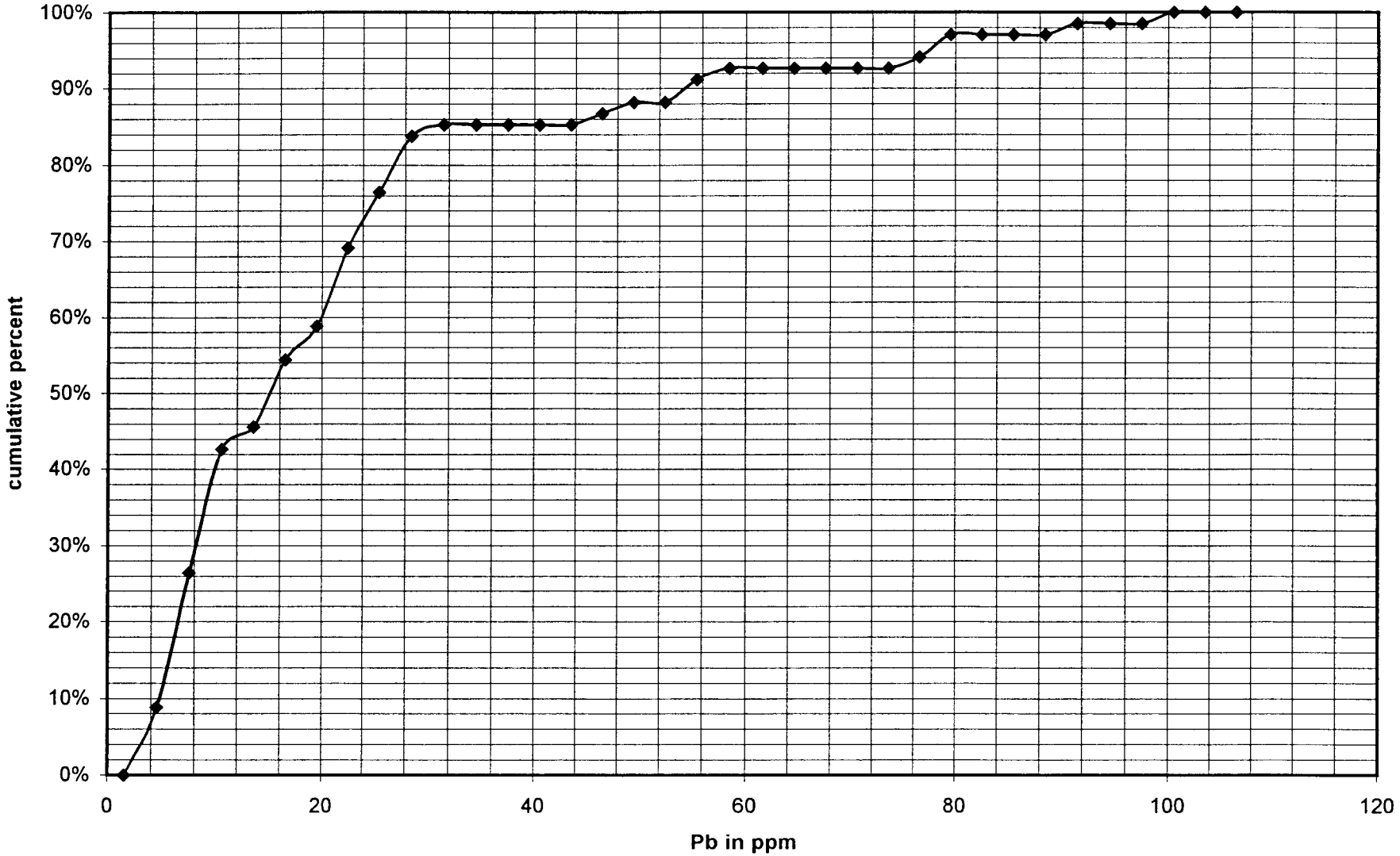
Molybdenum in Silts, White River Area



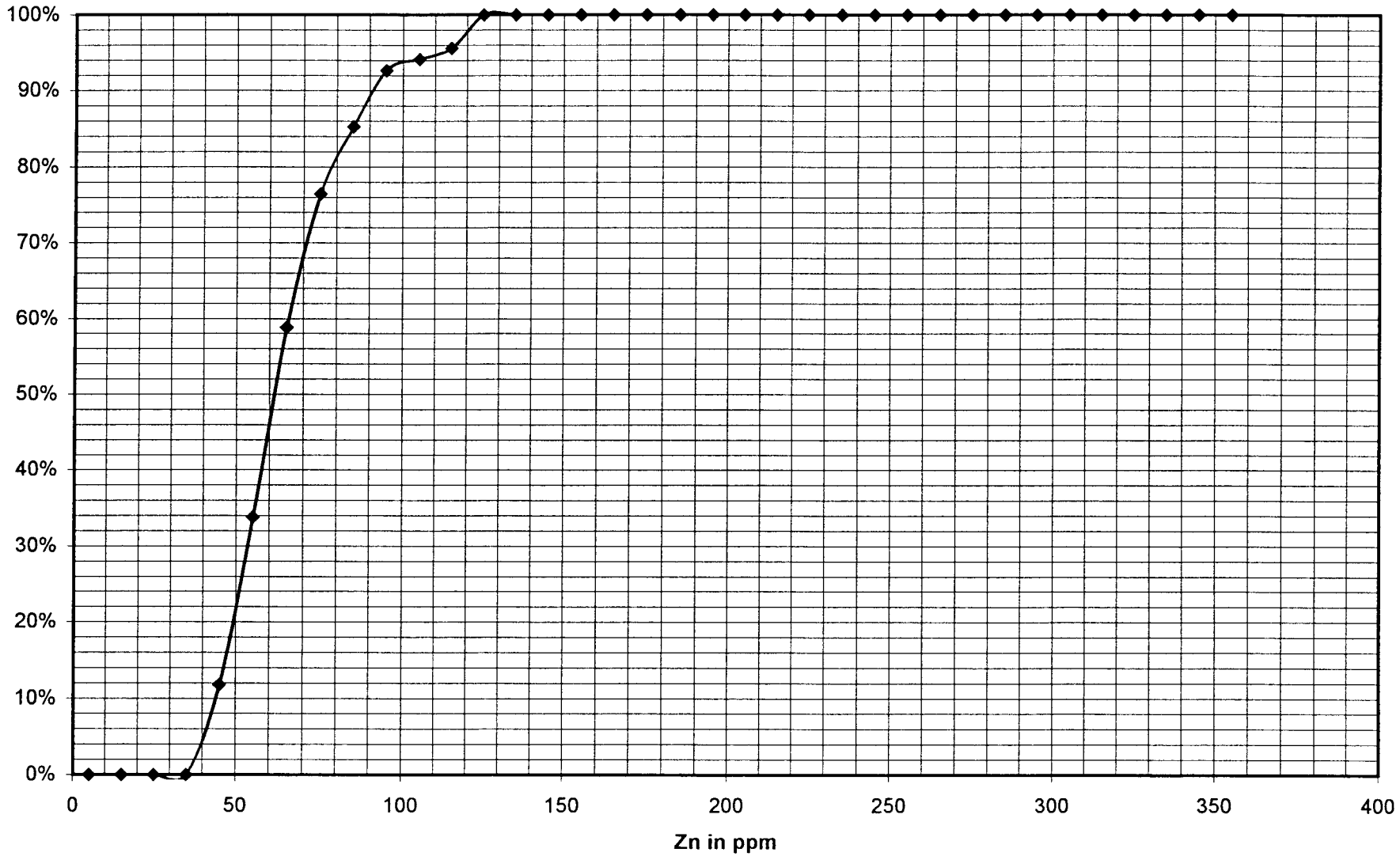
Copper in Silts, White River Area



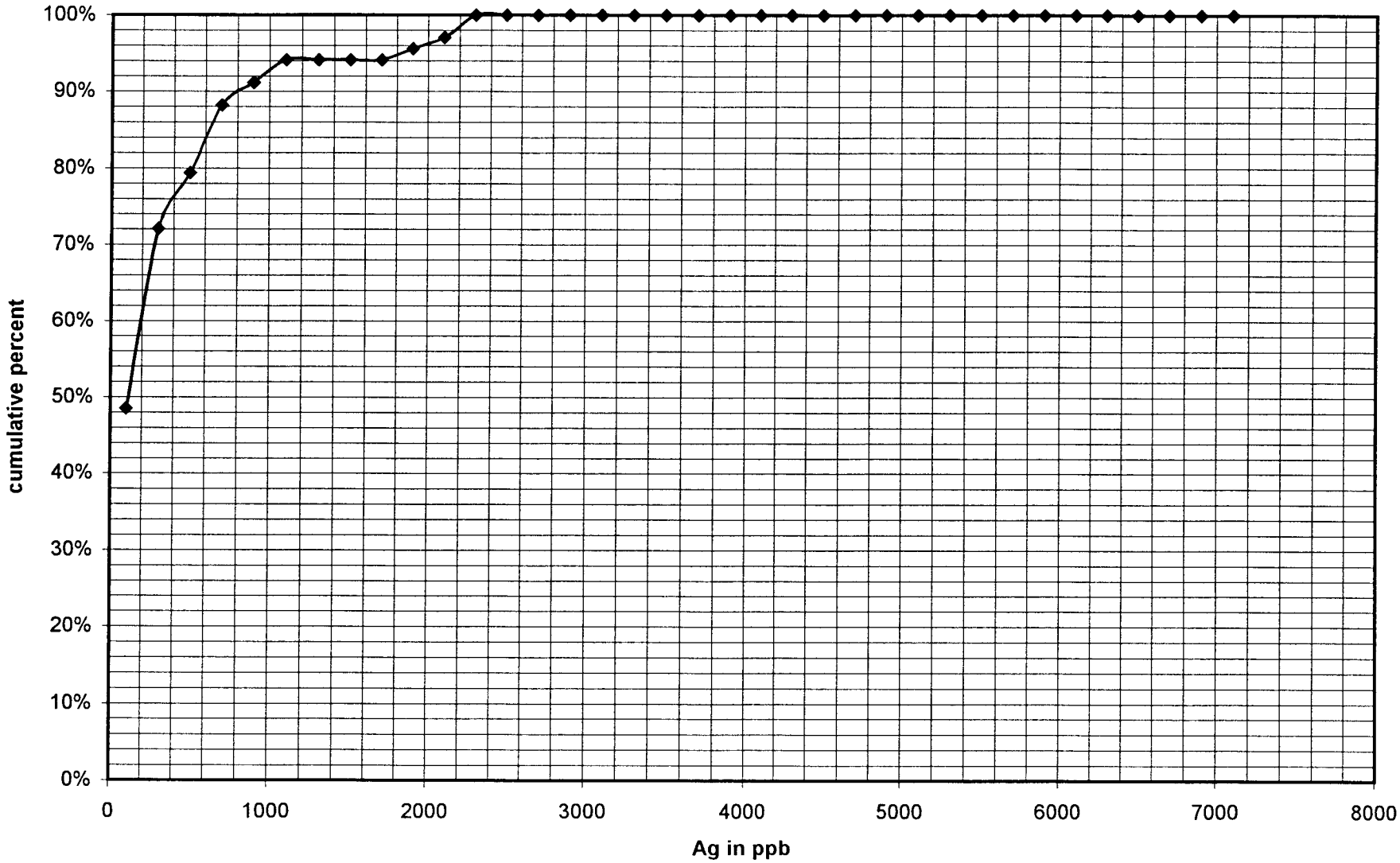
Lead in Silts, White River Area



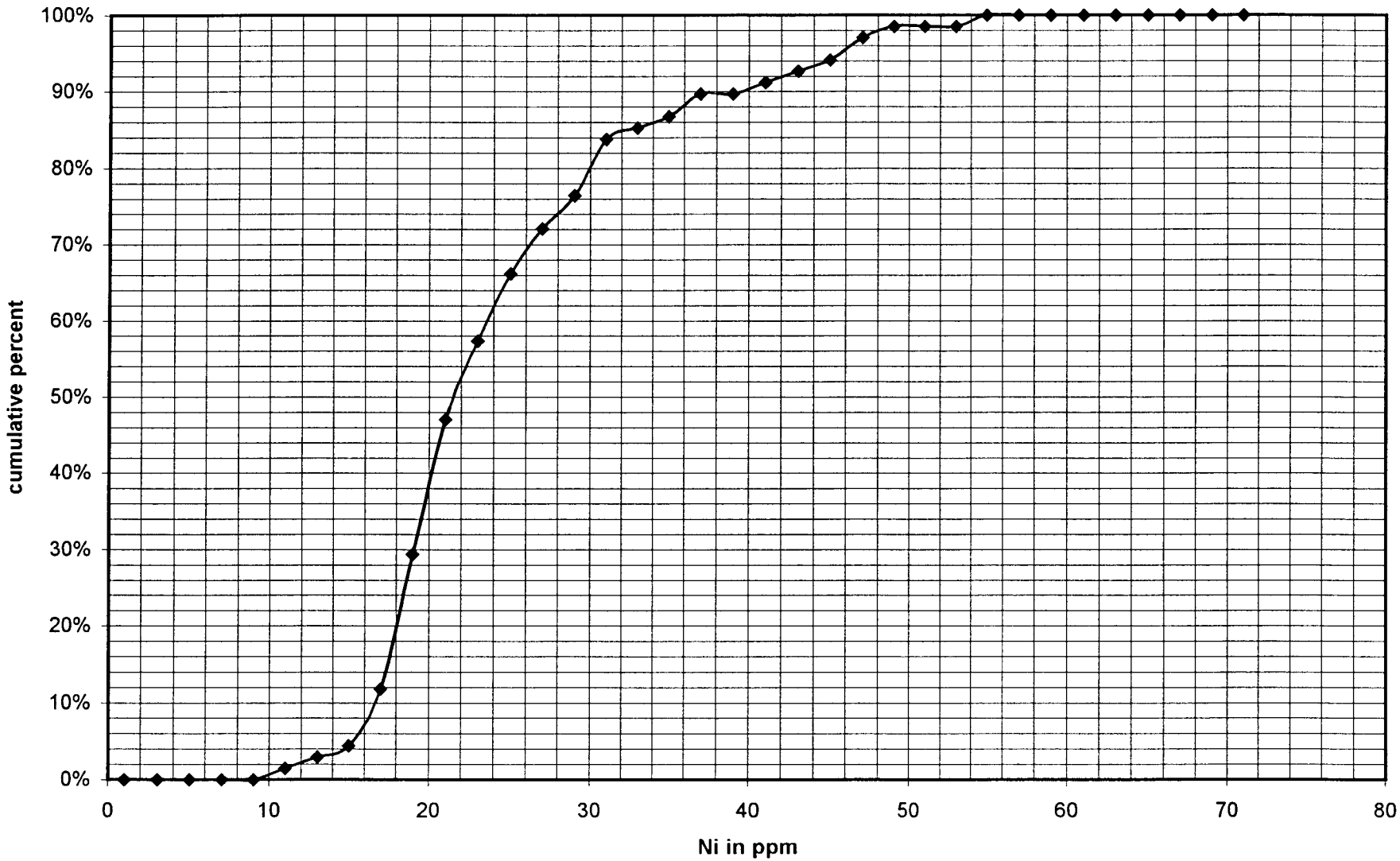
Zn in Silts, White River Area



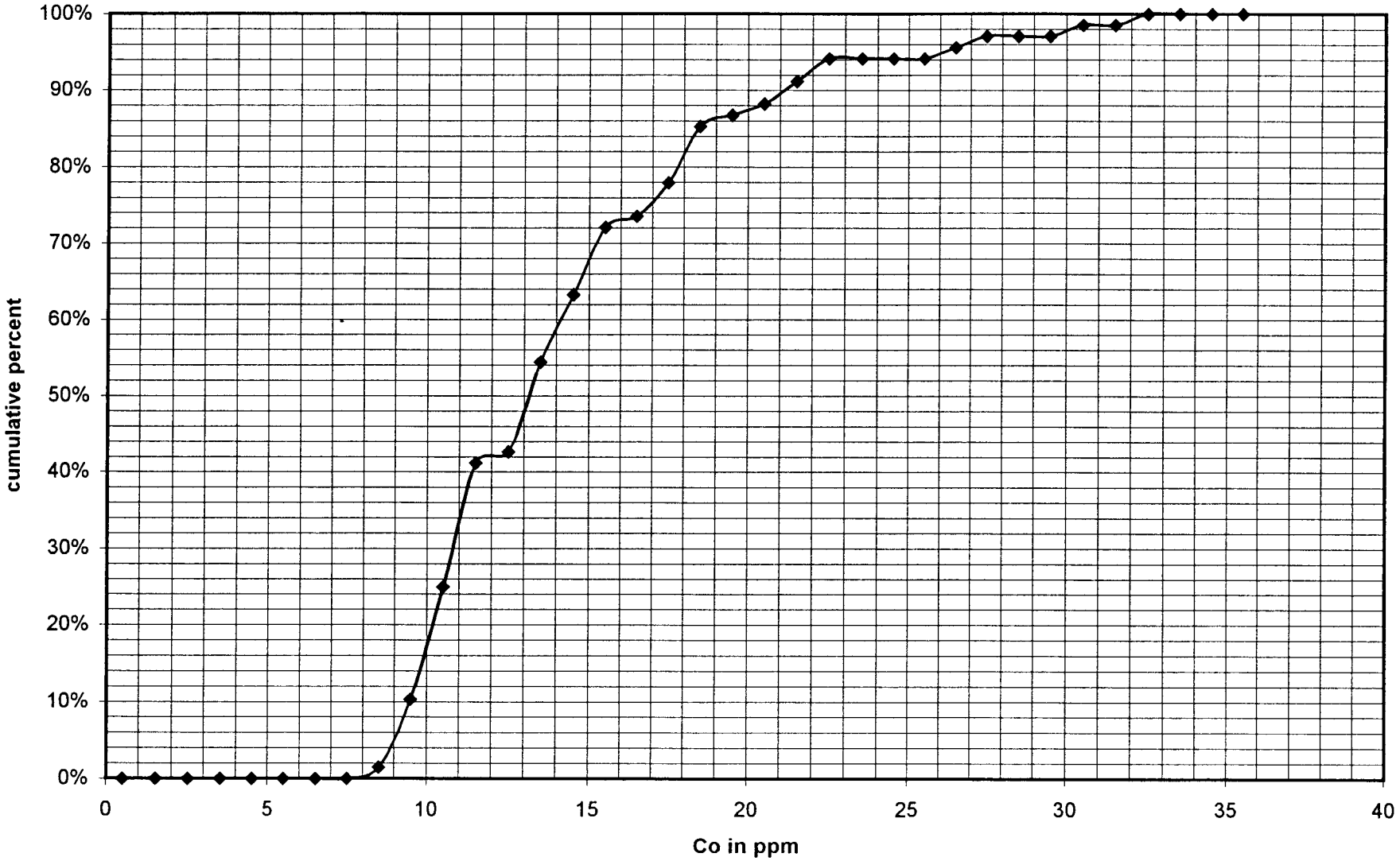
Silver in Silts, White River Area

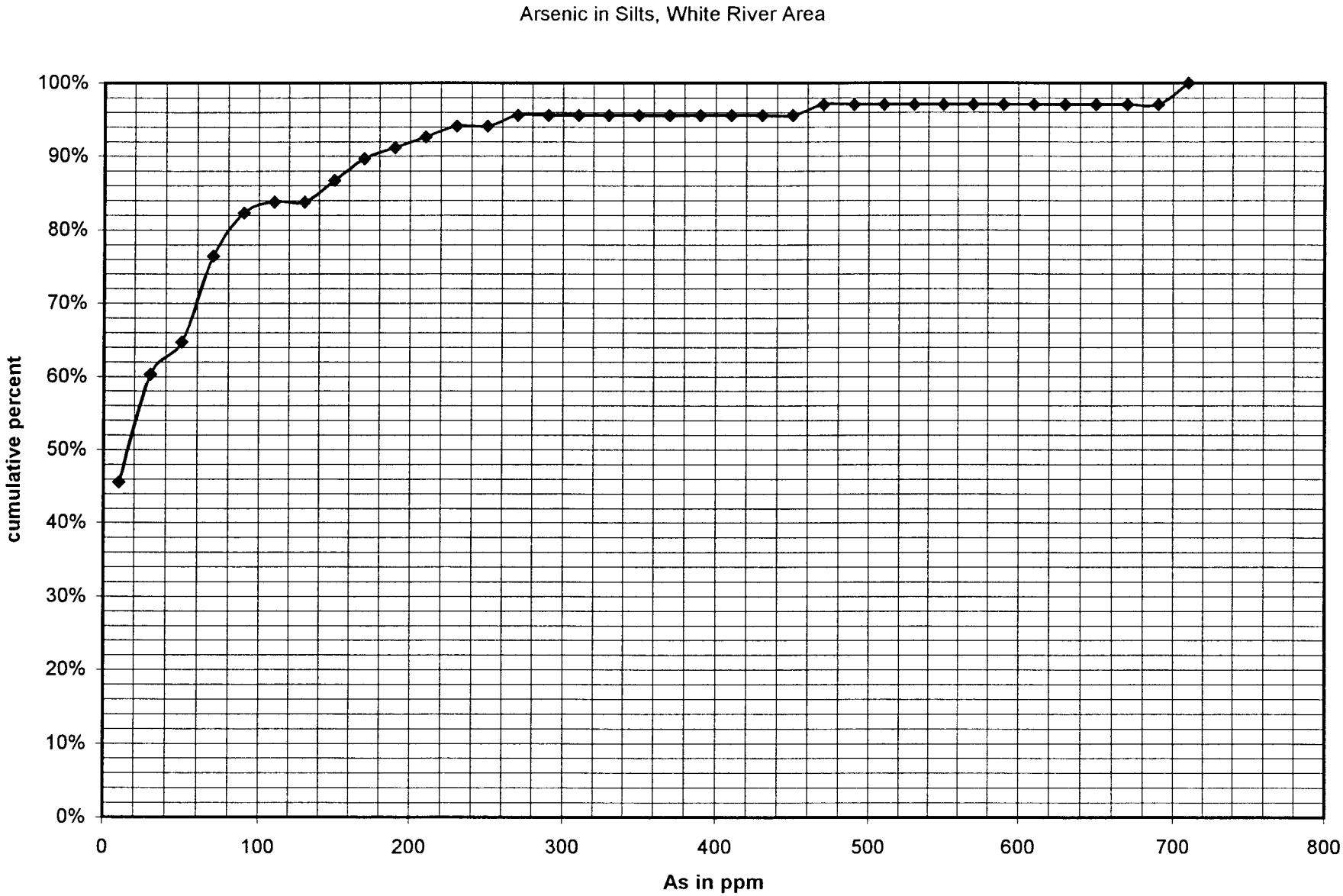


Nickel in Silts, White river Area

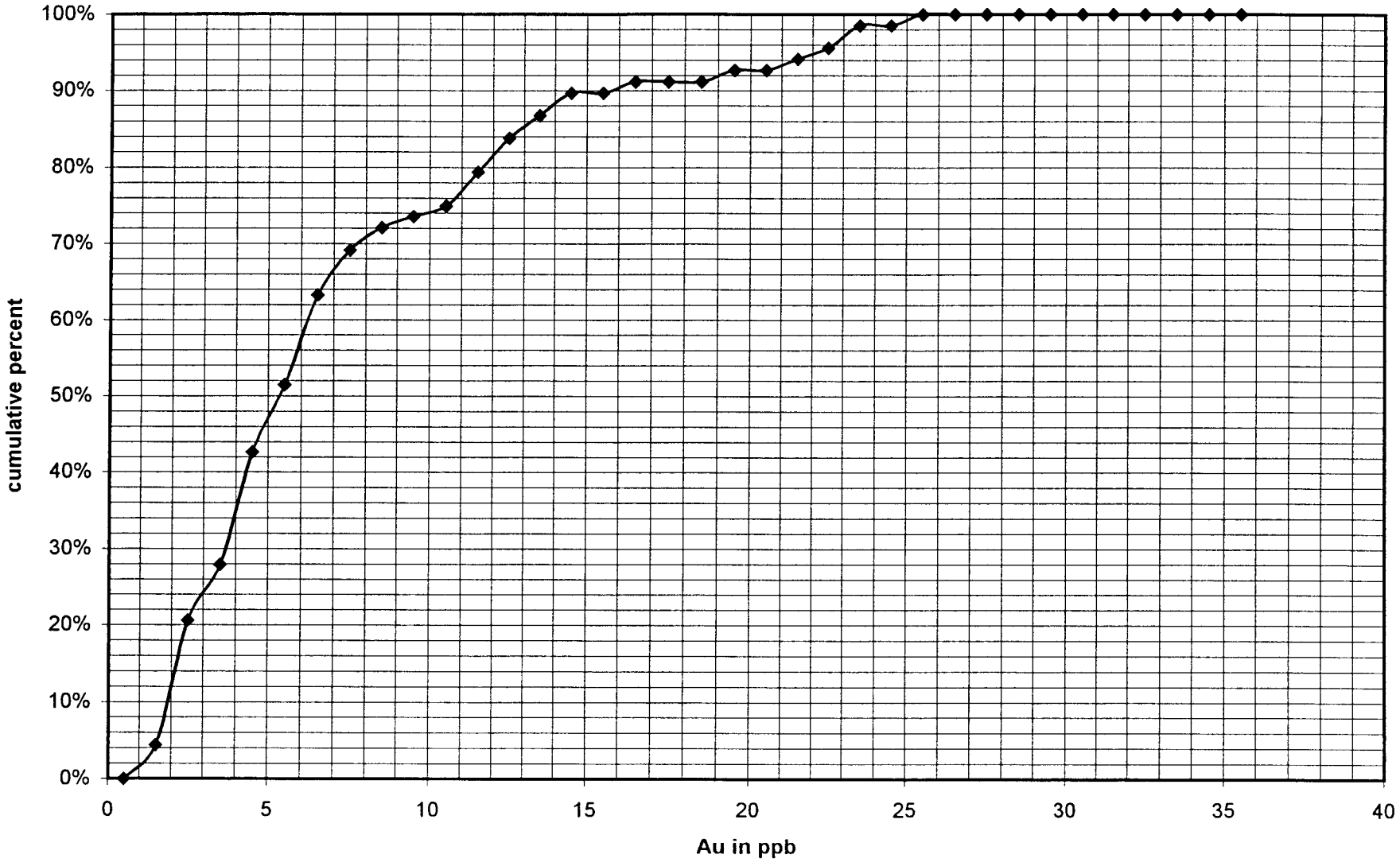


Cobalt in Silts, White River Area

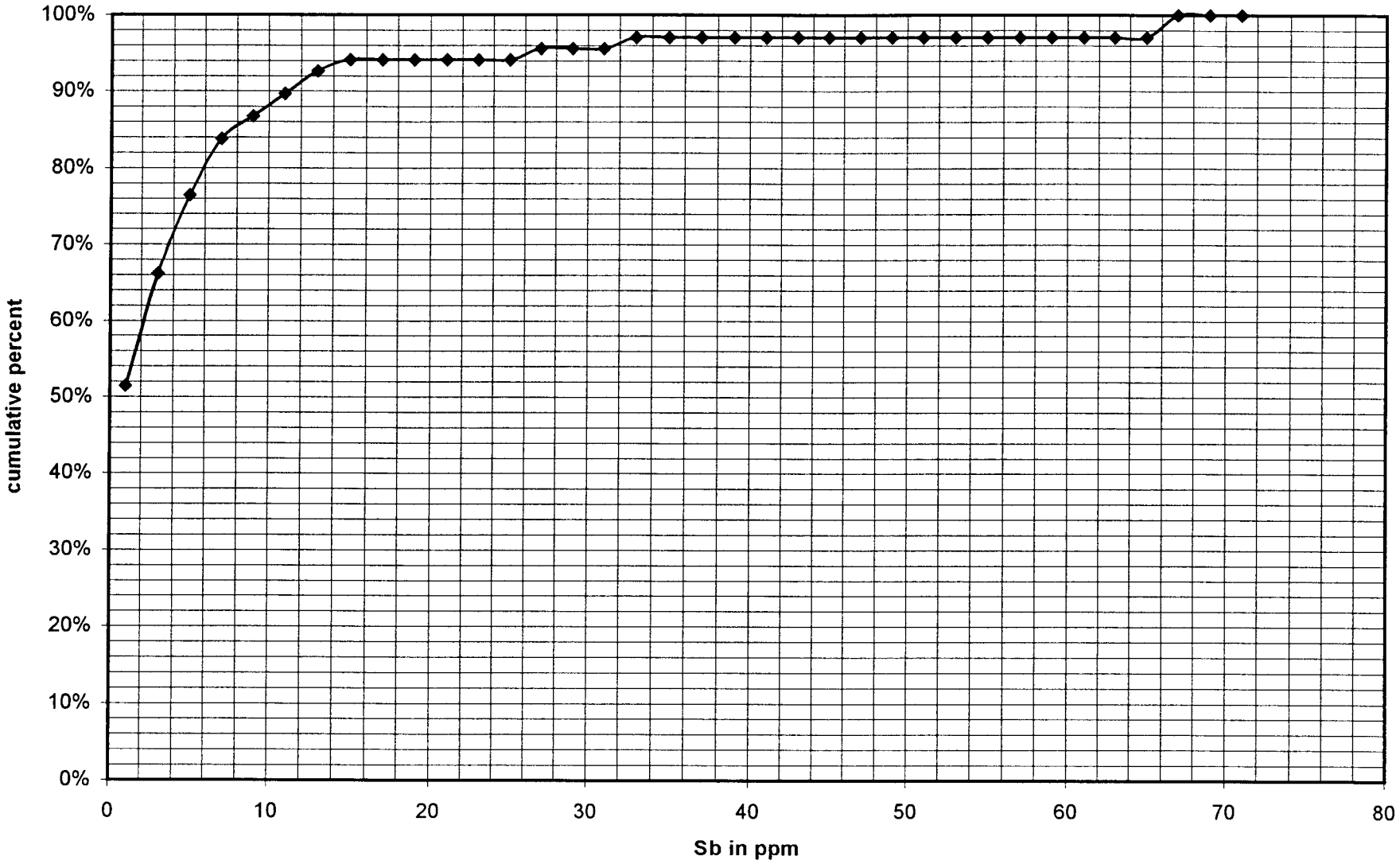



Arsenic in Silts, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
100
200
300
400
500
600
700
800
As in ppm

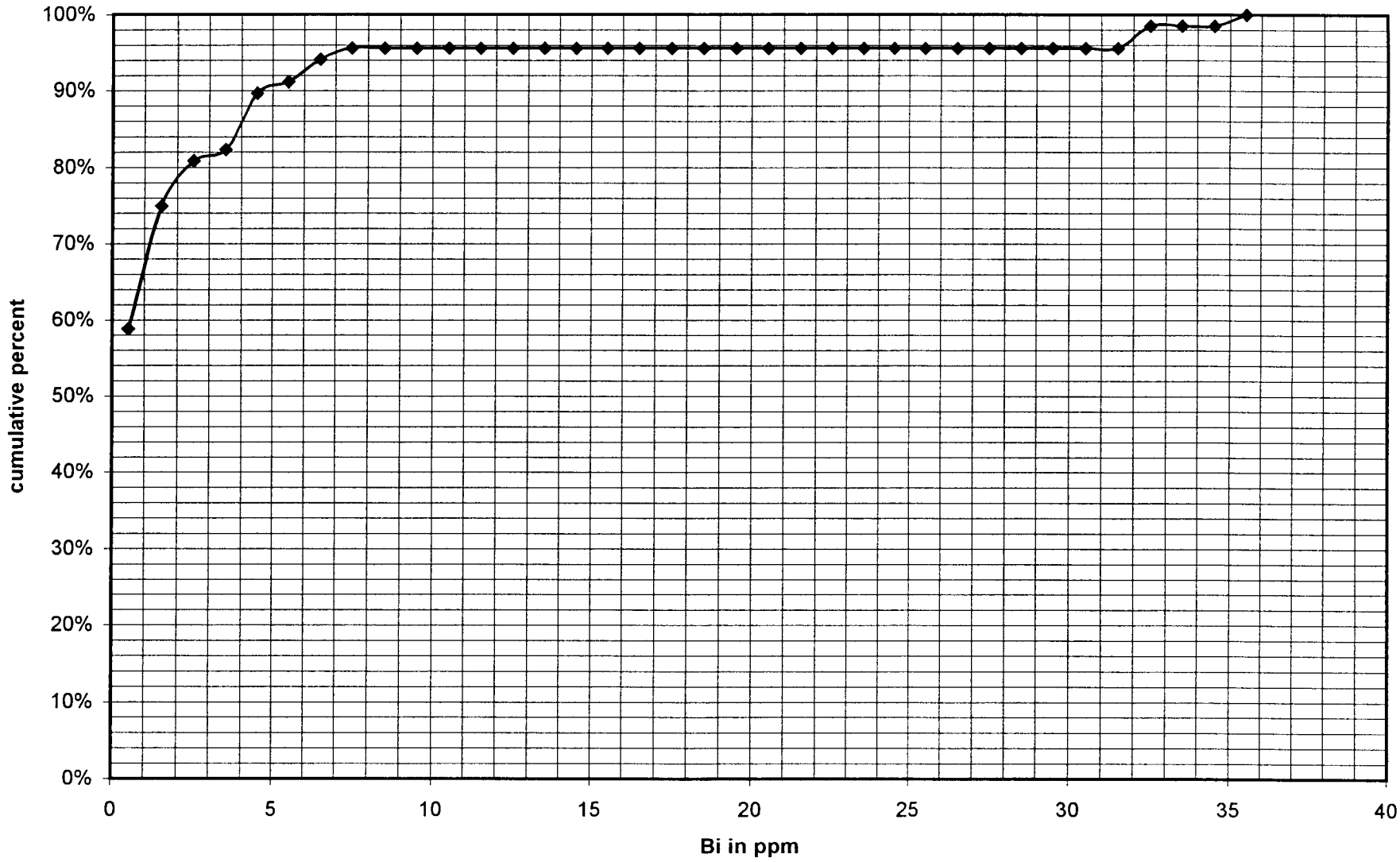
Gold in Silts, White River Area



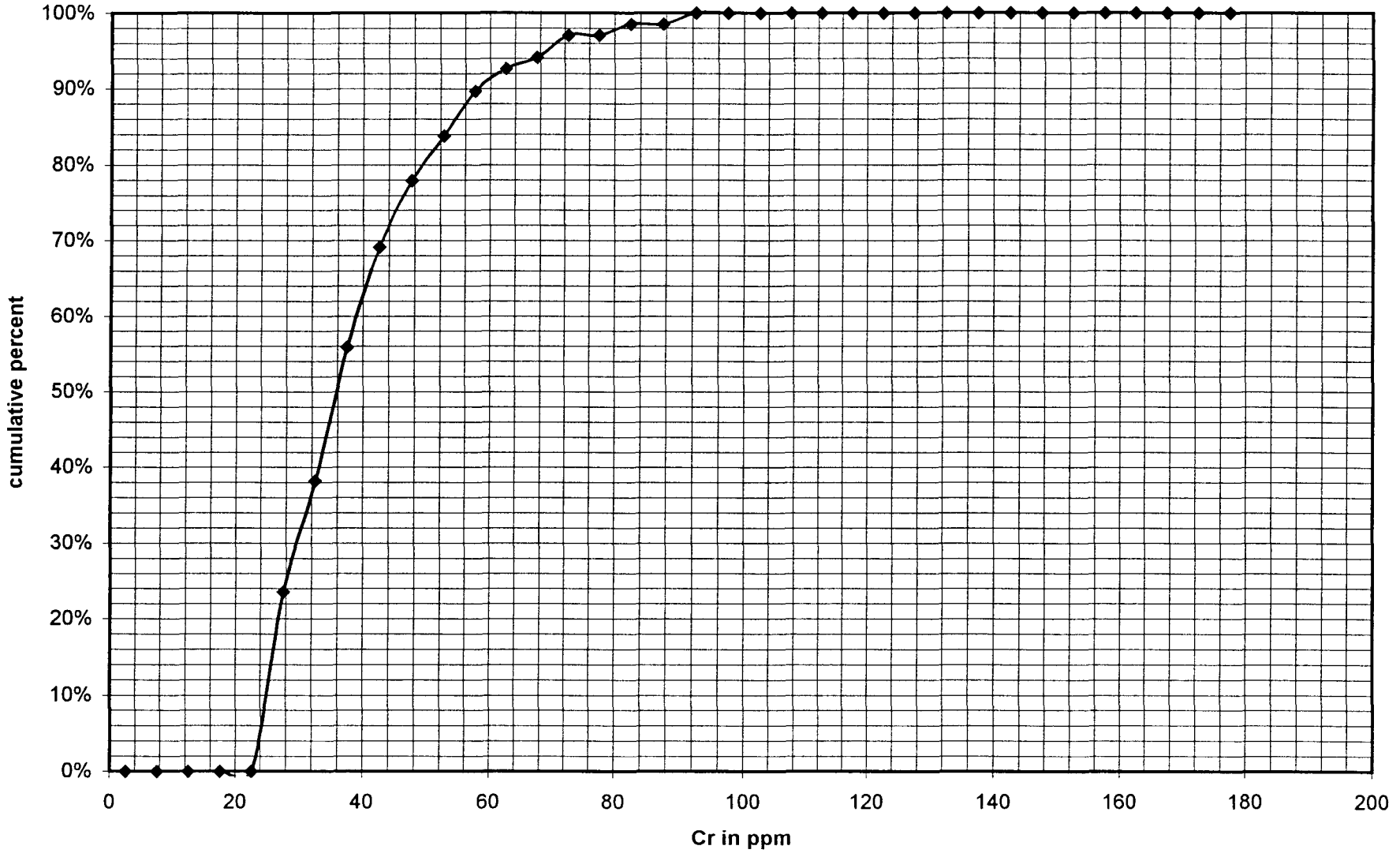
Antimony in Silts, White River Area



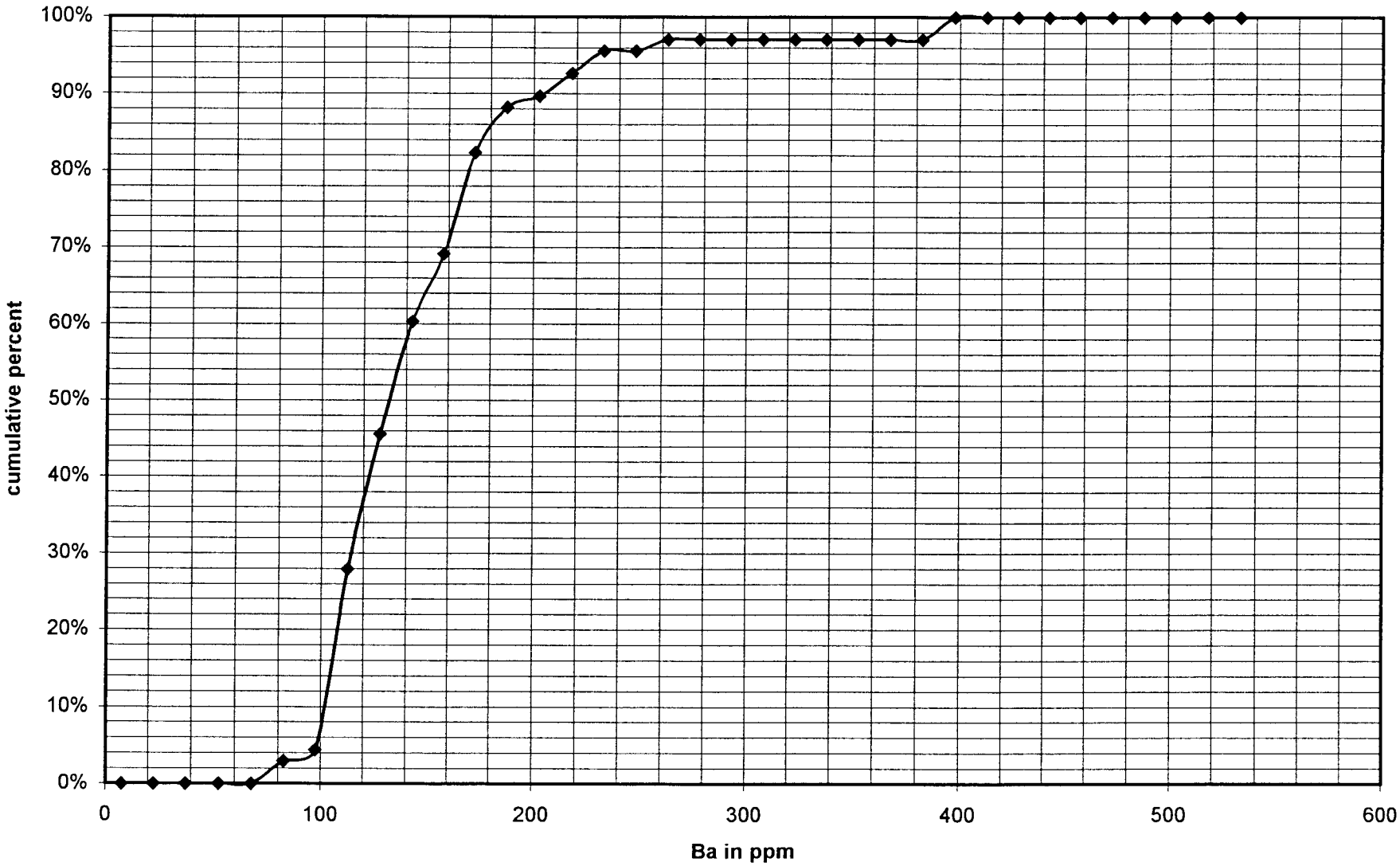
Bismuth in Silts, White River Area



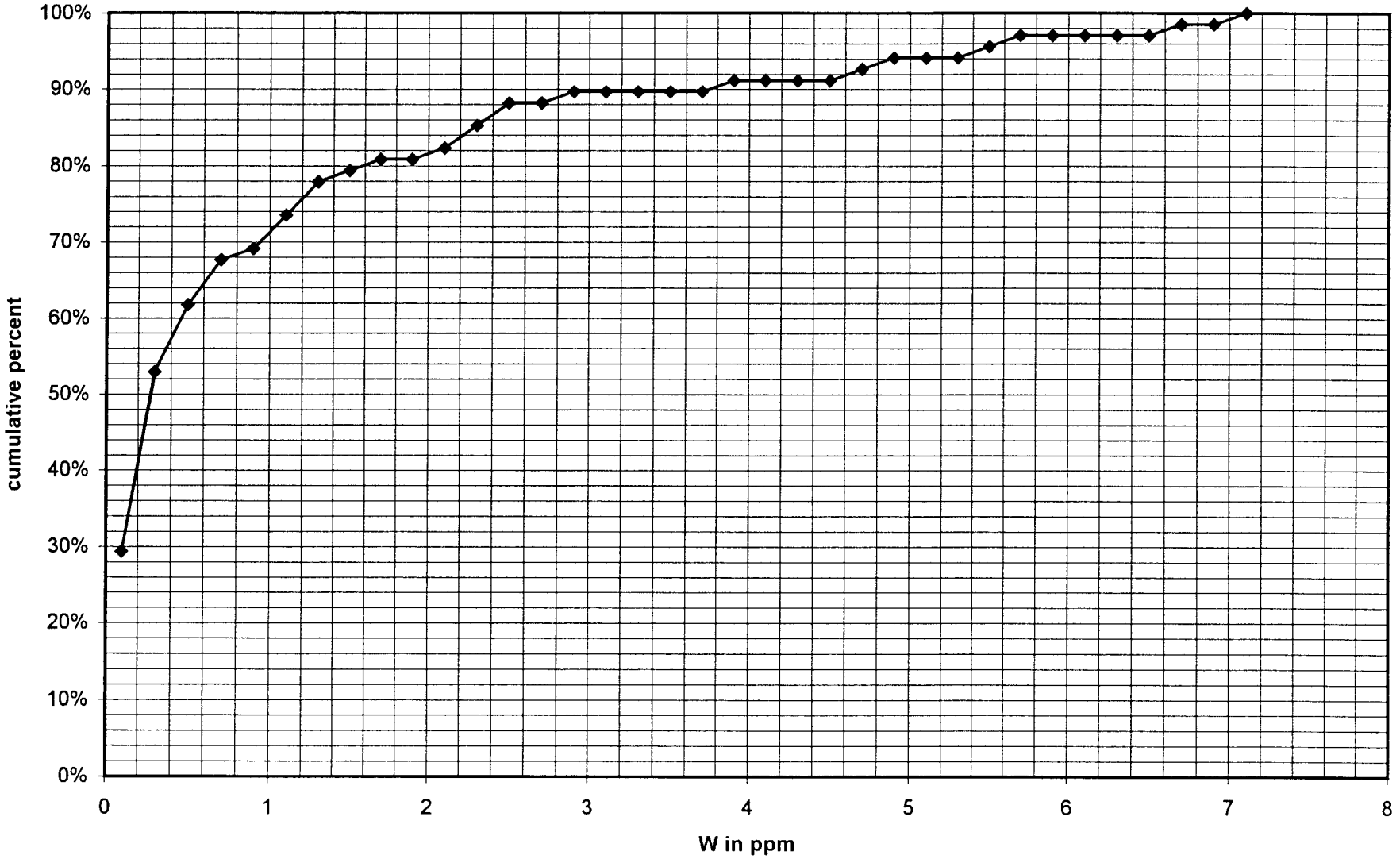
Chromium in Silts, White River Area

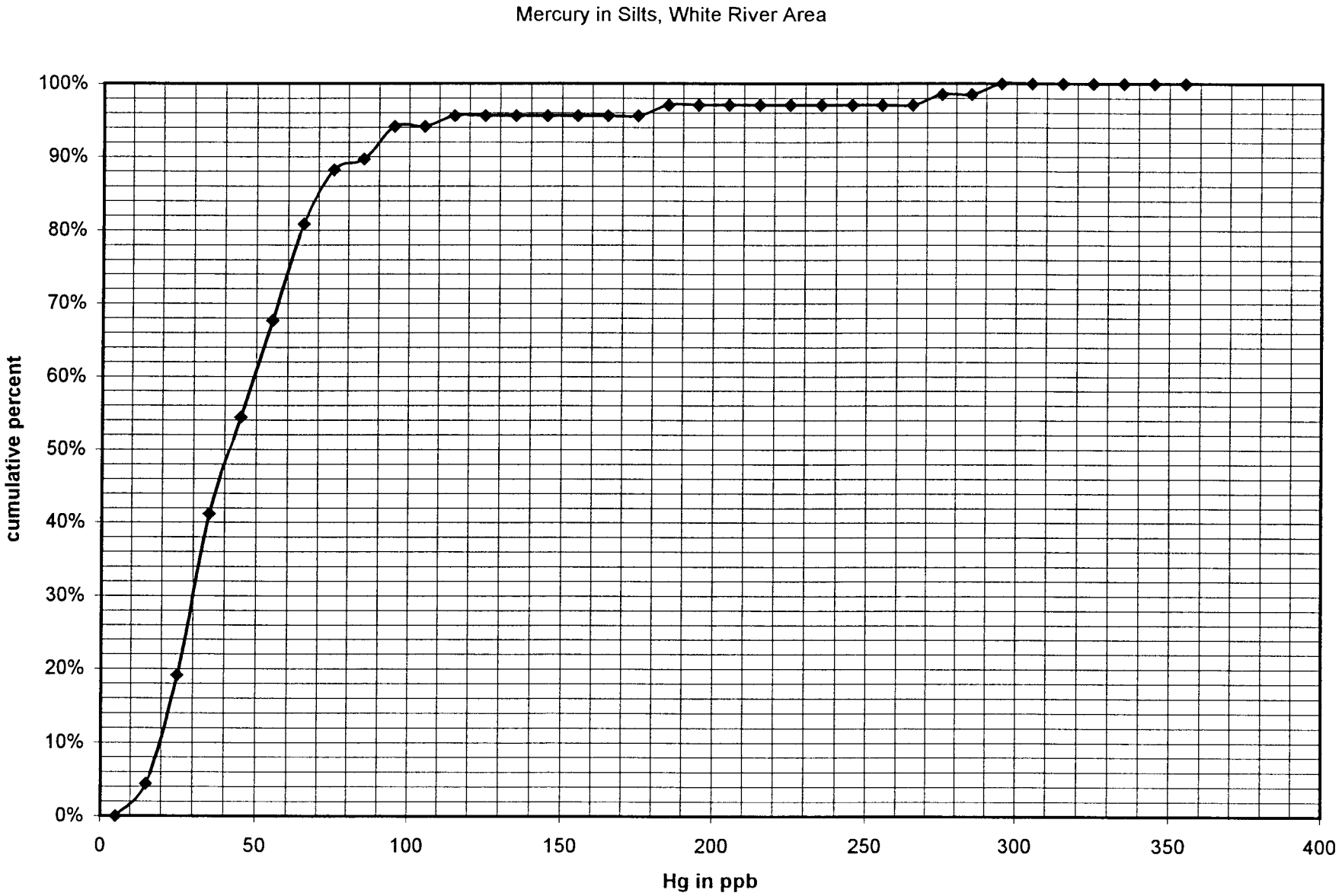


Barium in Silts, White River Area

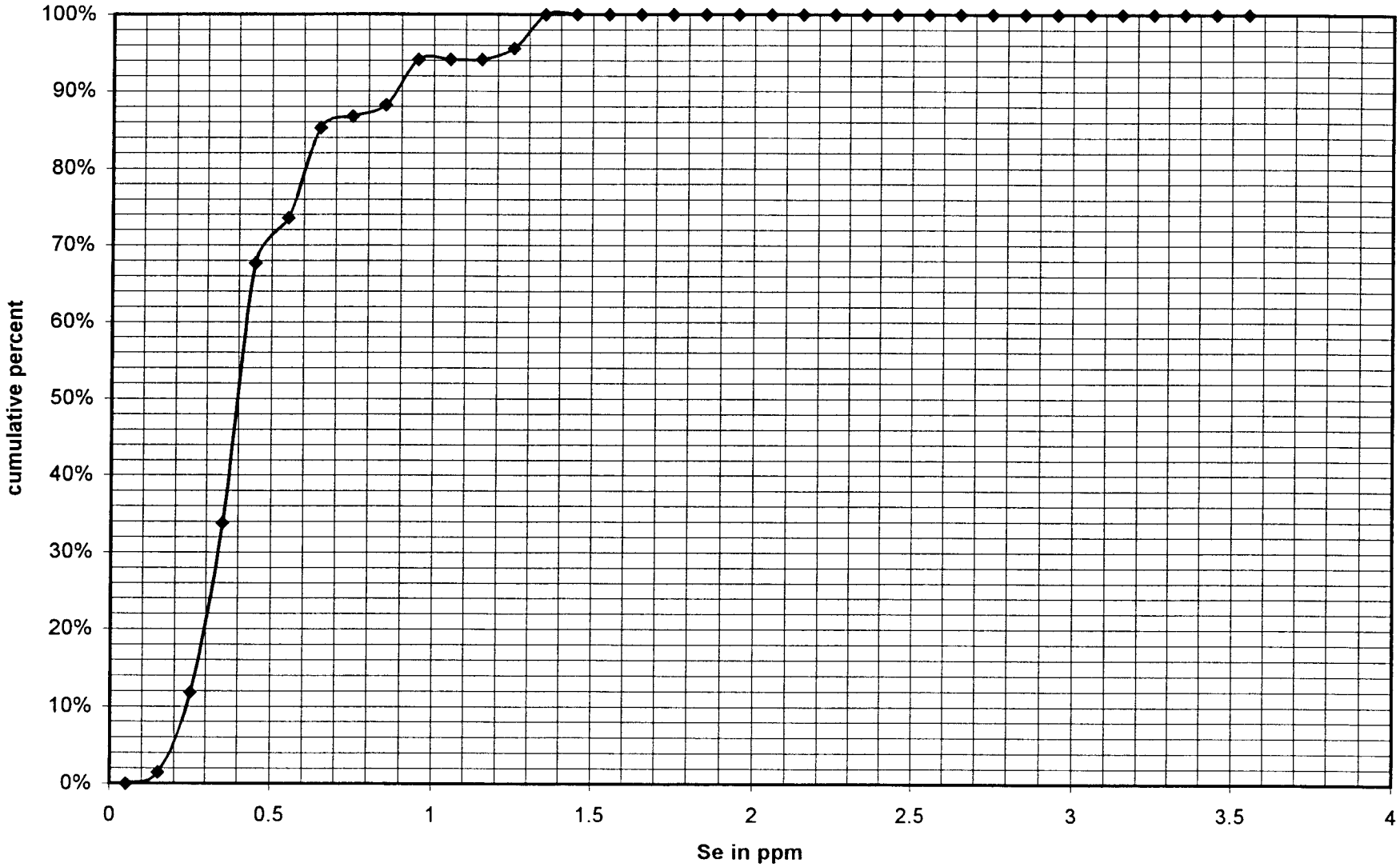


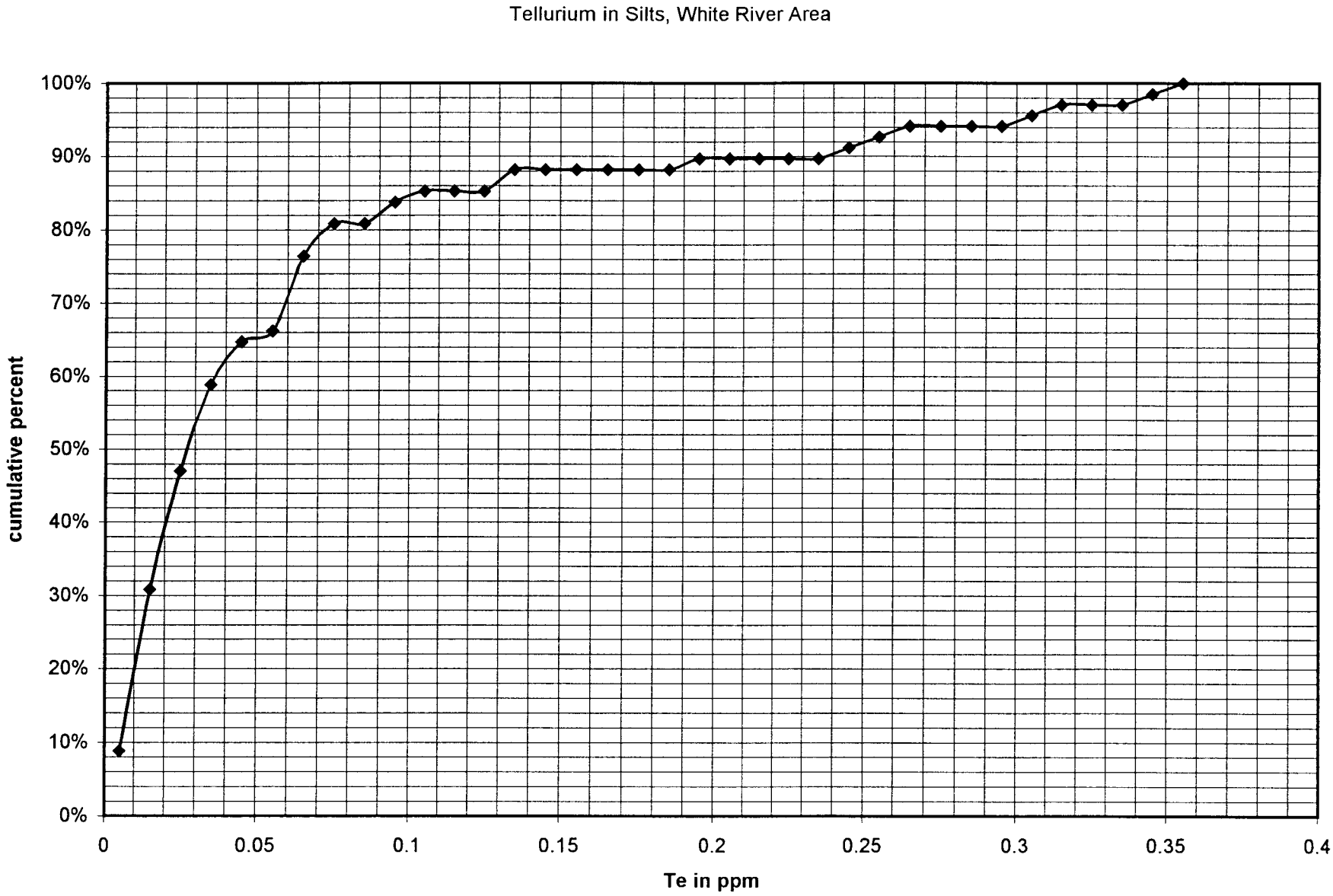
Tungsten in Silts, White River Area



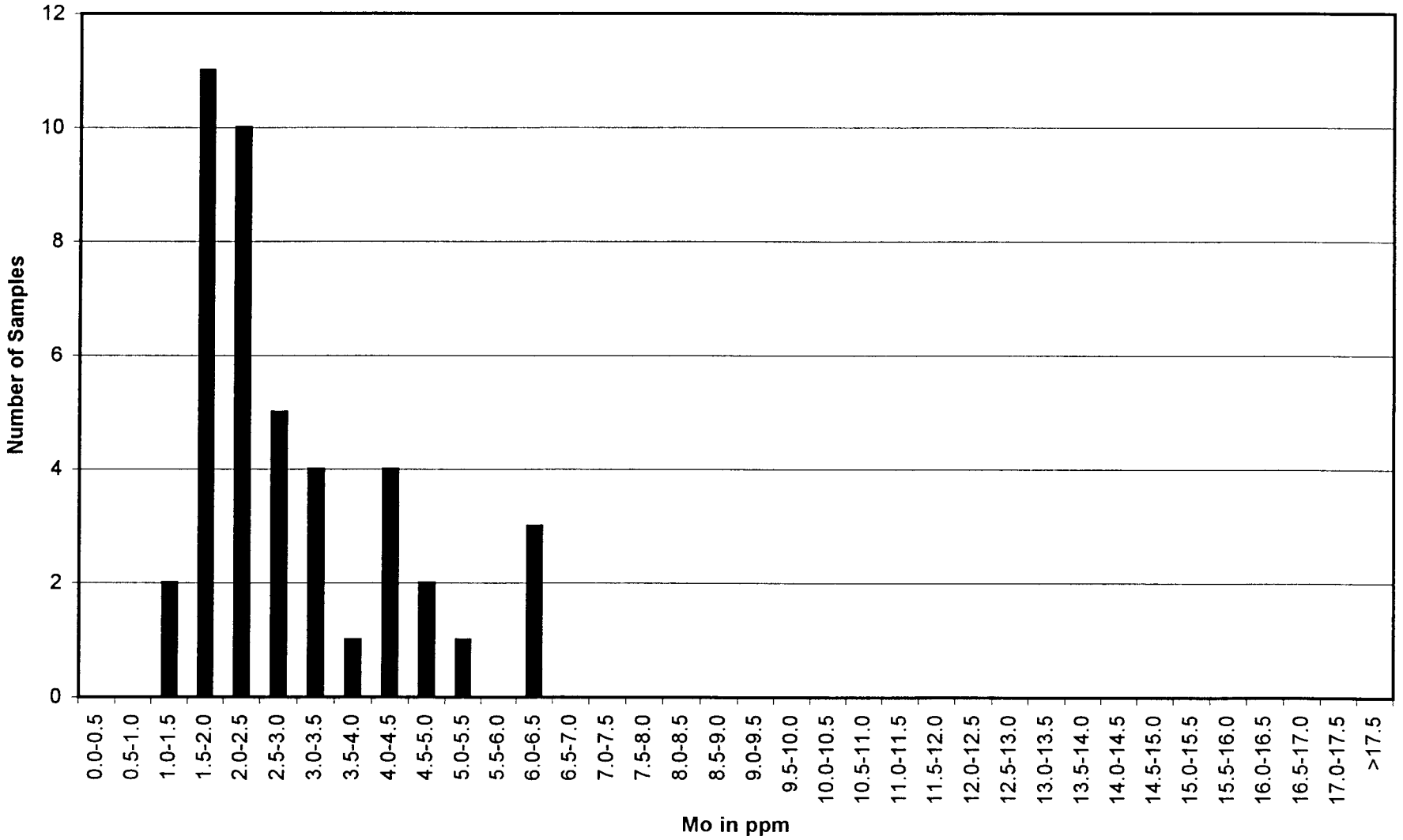

Mercury in Silts, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
50
100
150
200
250
300
350
400
Hg in ppb

Selenium in Silts, White River Area

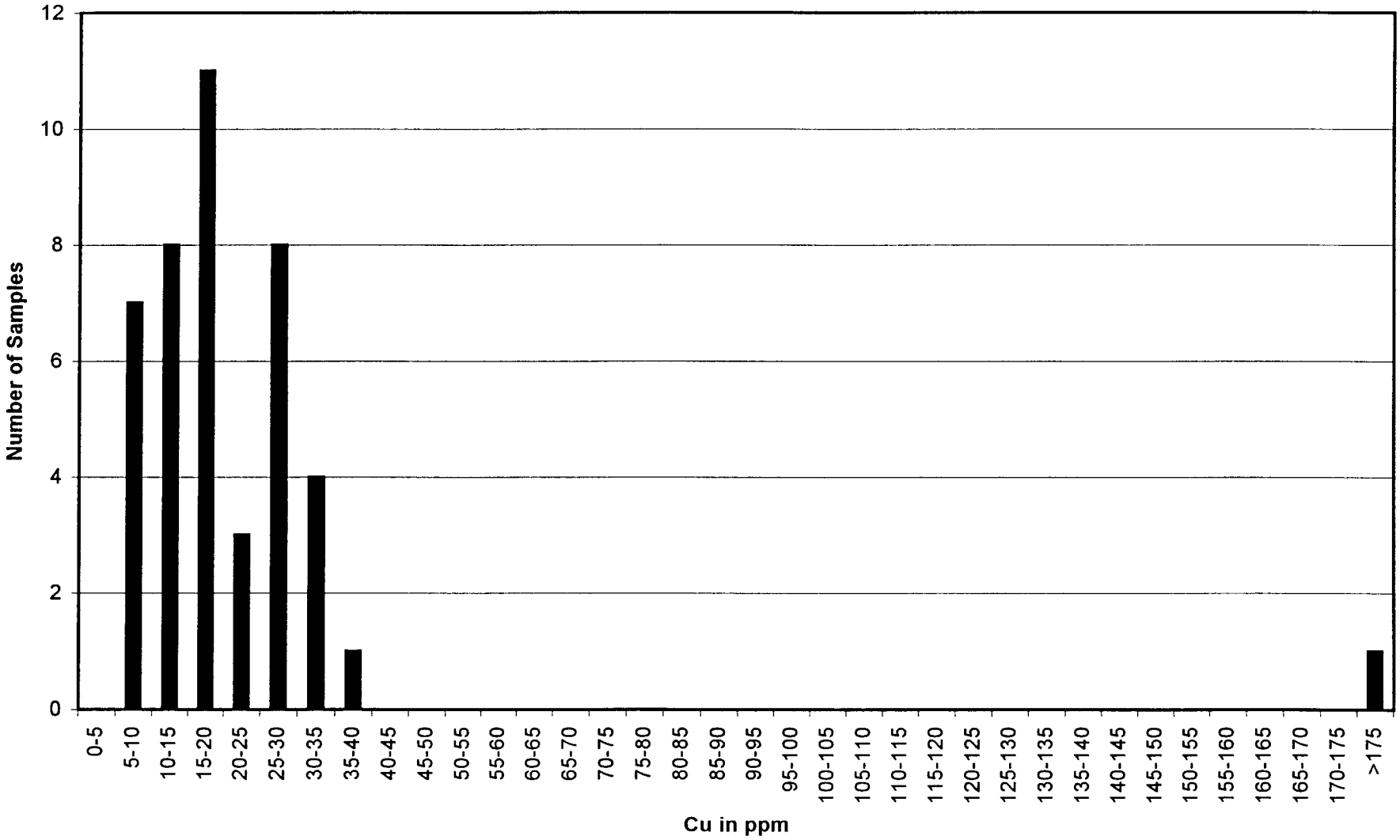



Tellurium in Silts, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
Te in ppm

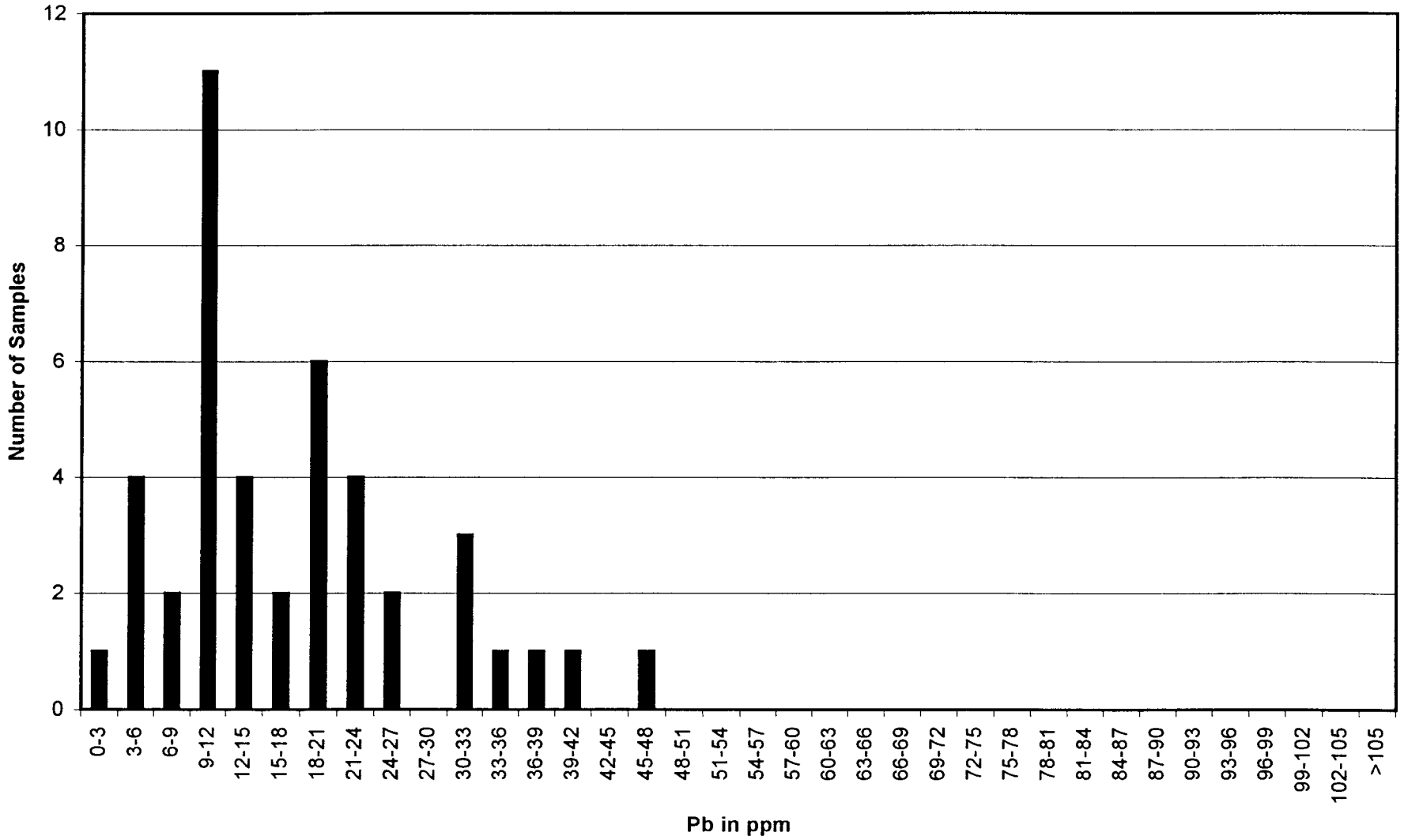
Mo in Pan Cons, White River Area



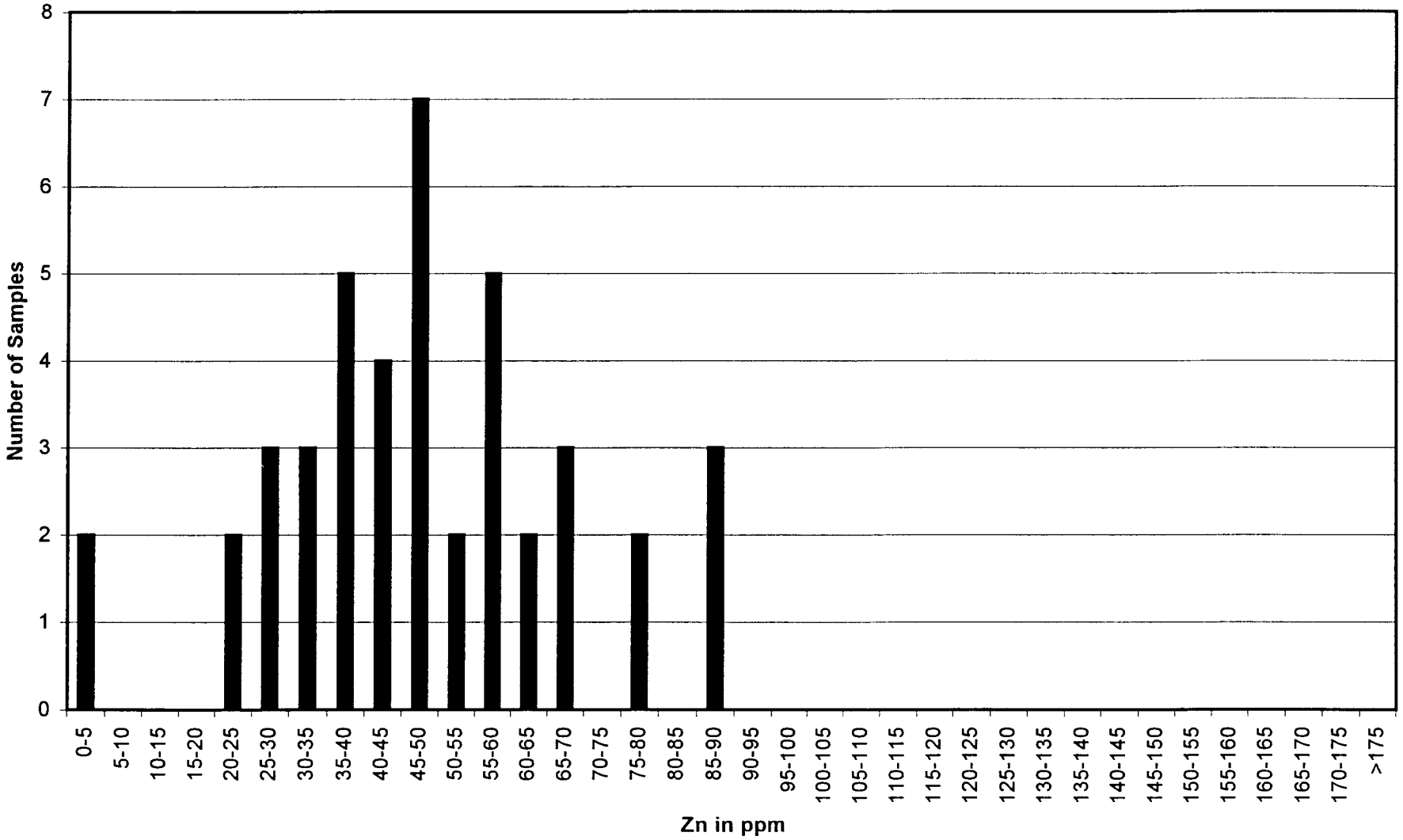
Cu in Pan Cons, White River Area



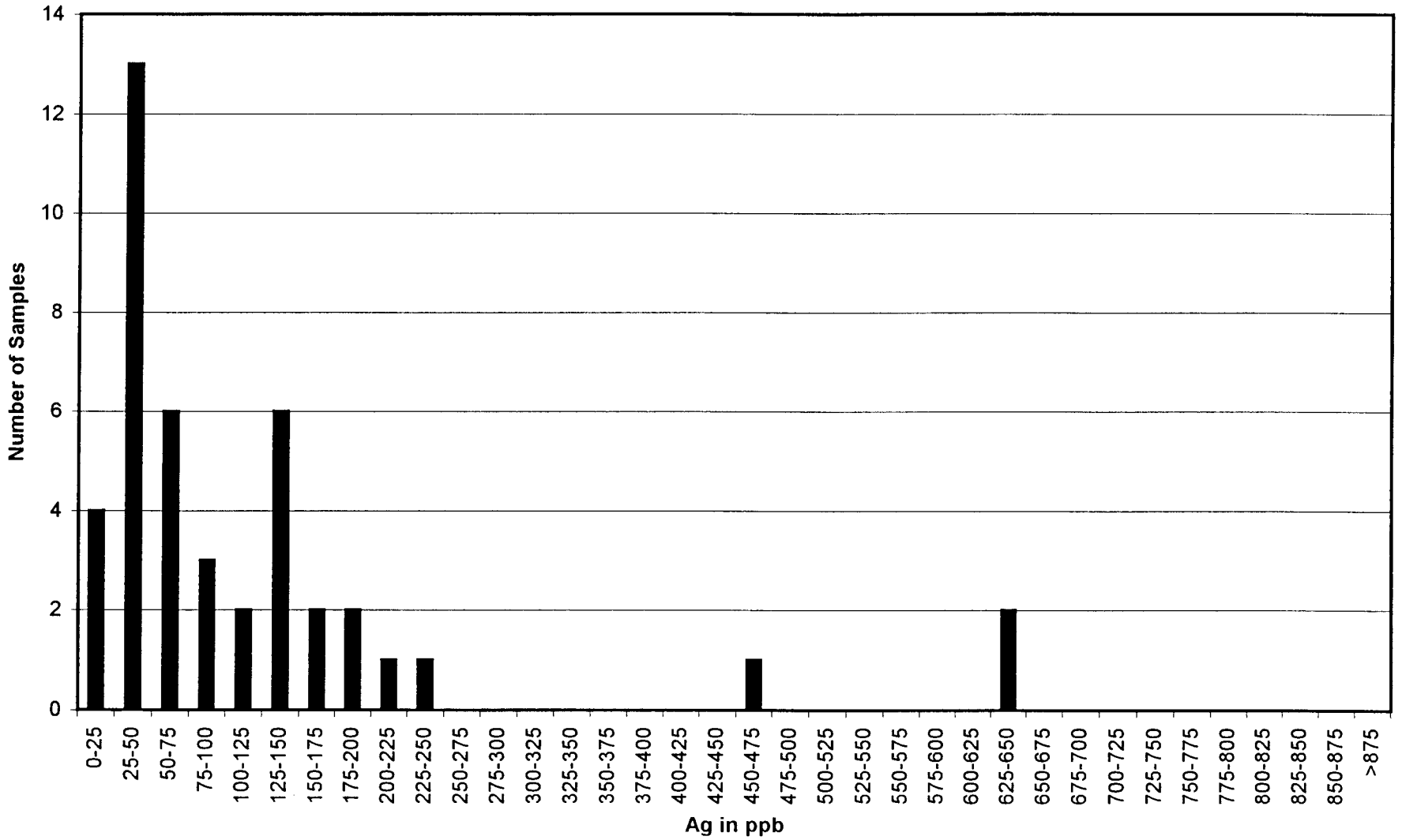
Pb in Pan Cons, White River Area



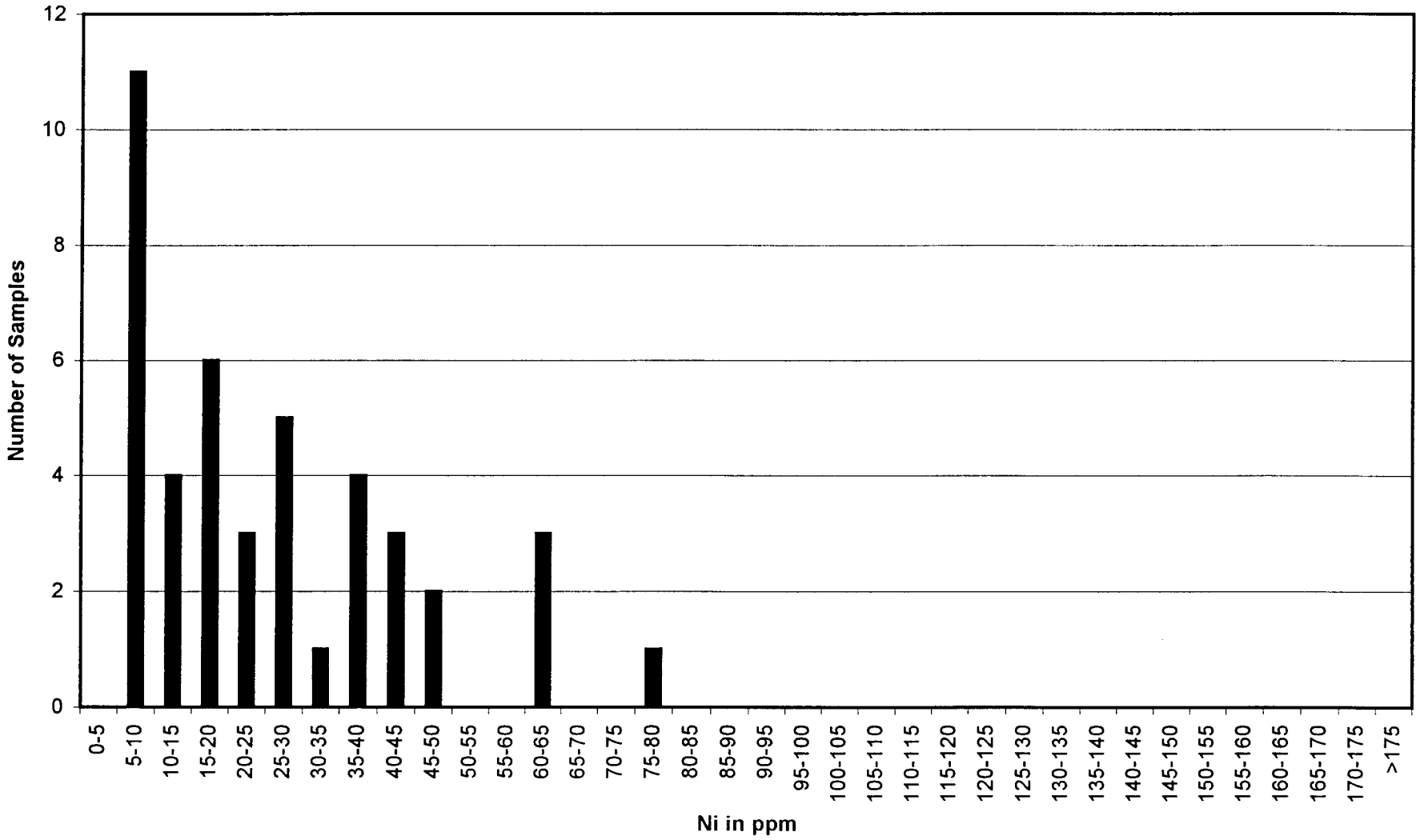
Zn in Pan Cons, White River Area



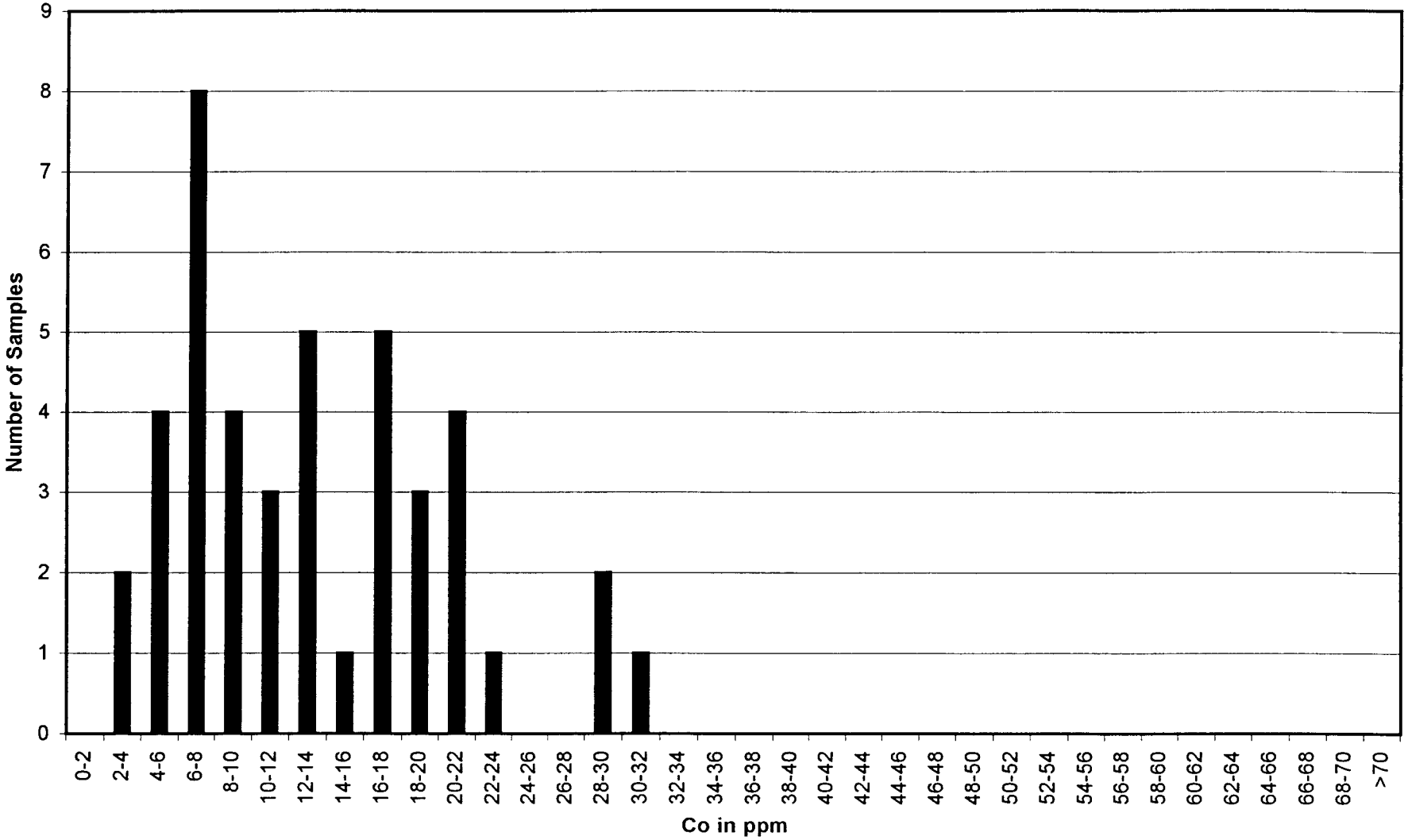
Ag in Pan Cons, White River Area



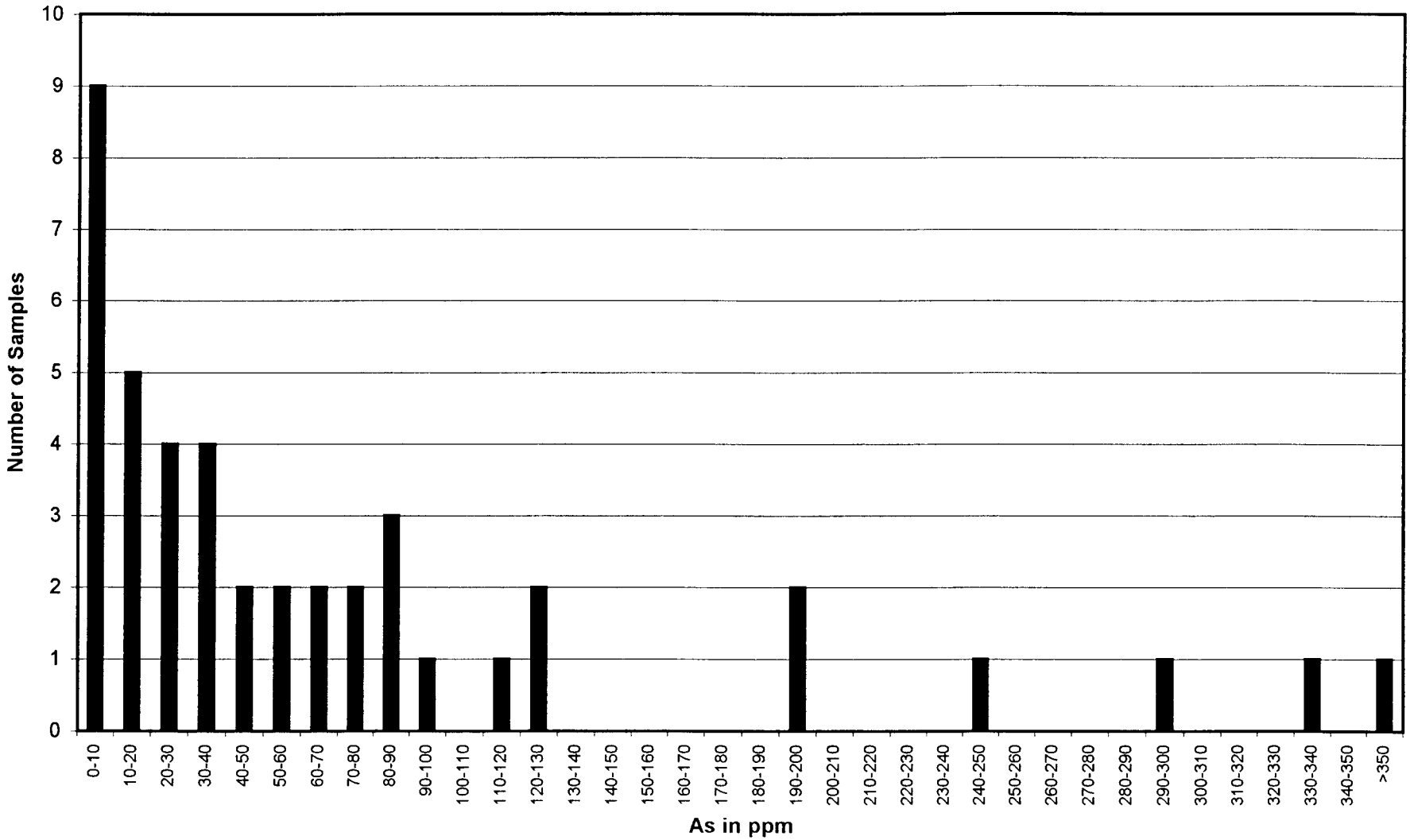
Ni in Pan Cons, White River Area



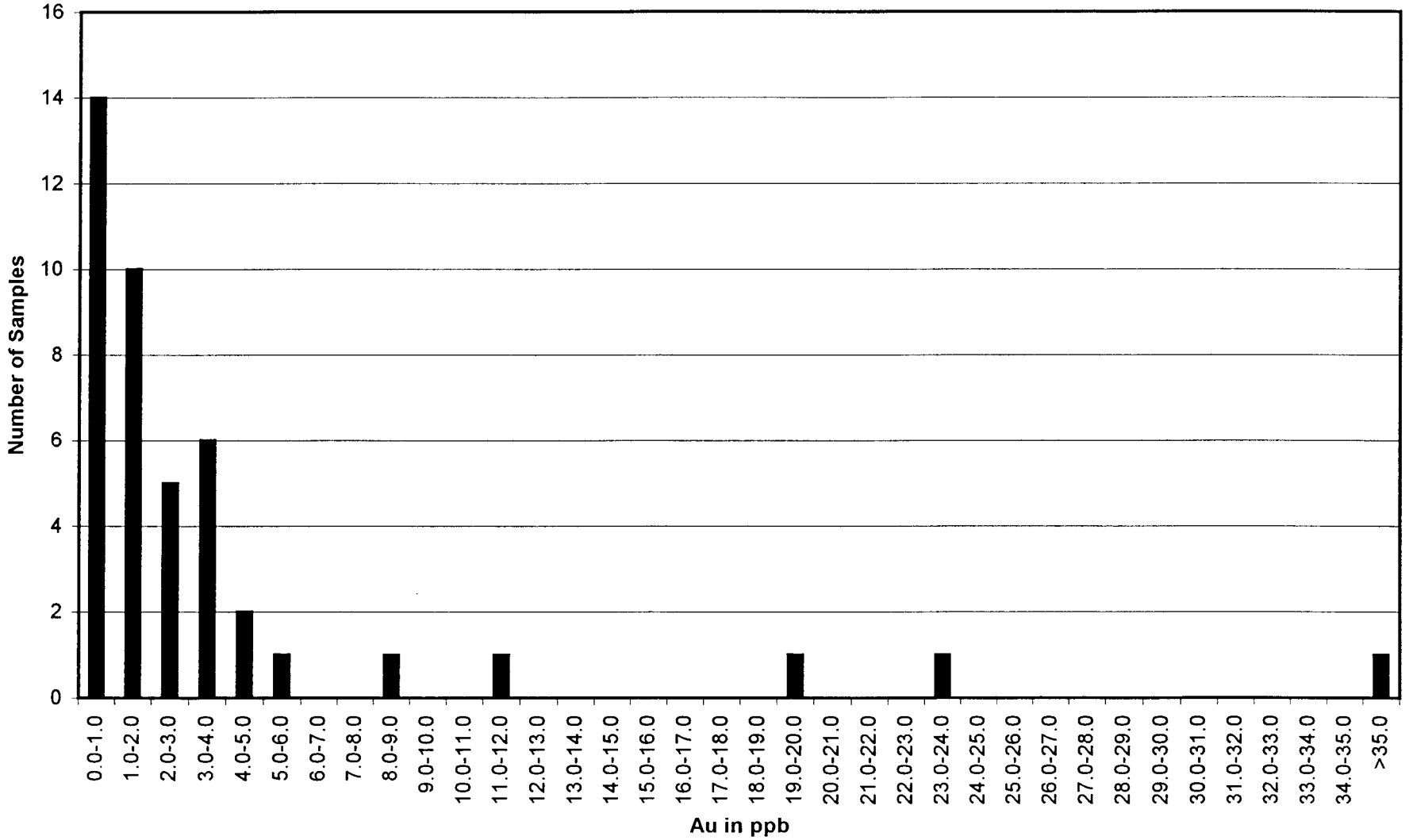
Co in Pan Cons, White River Area



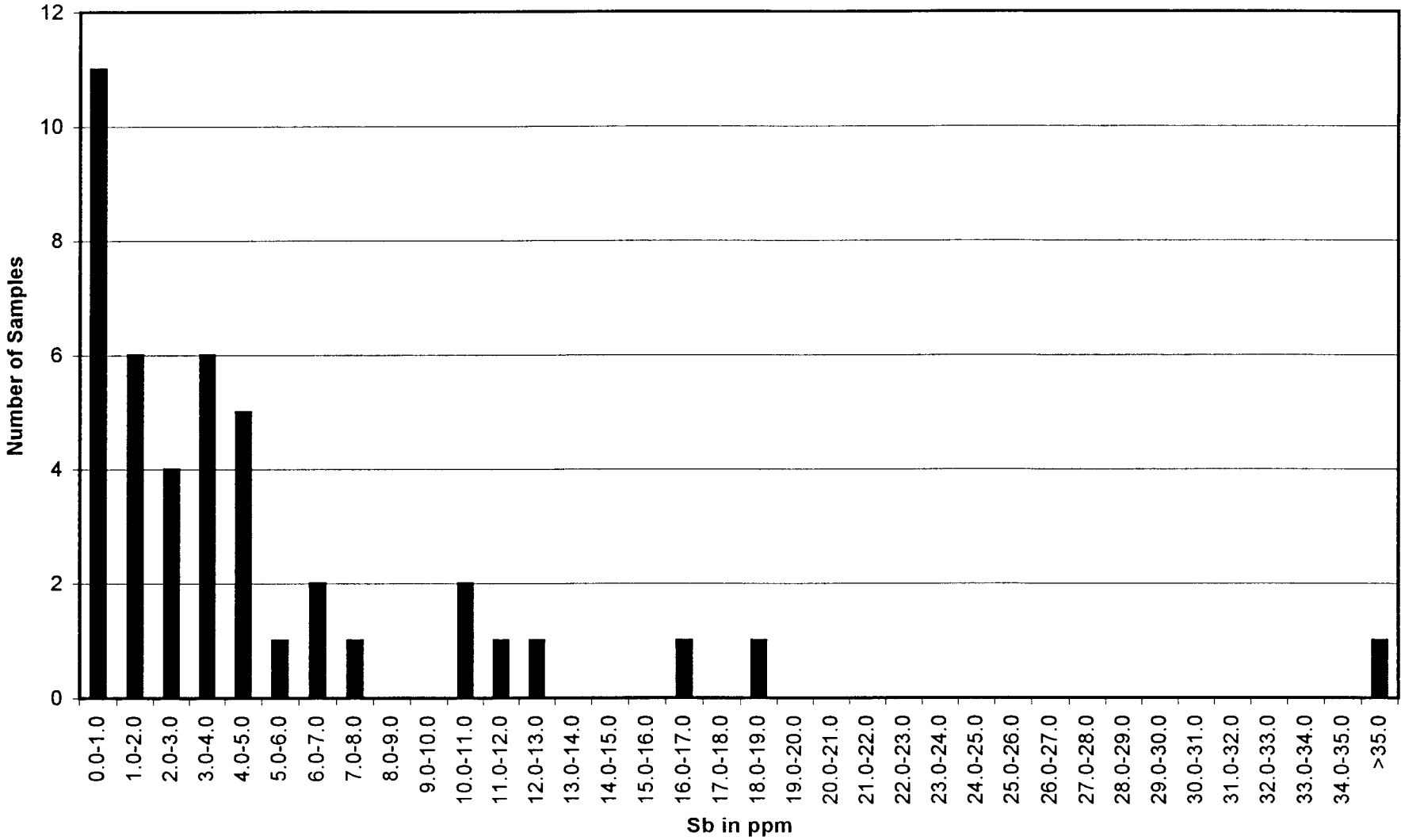
As in Pan Cons, White River Area



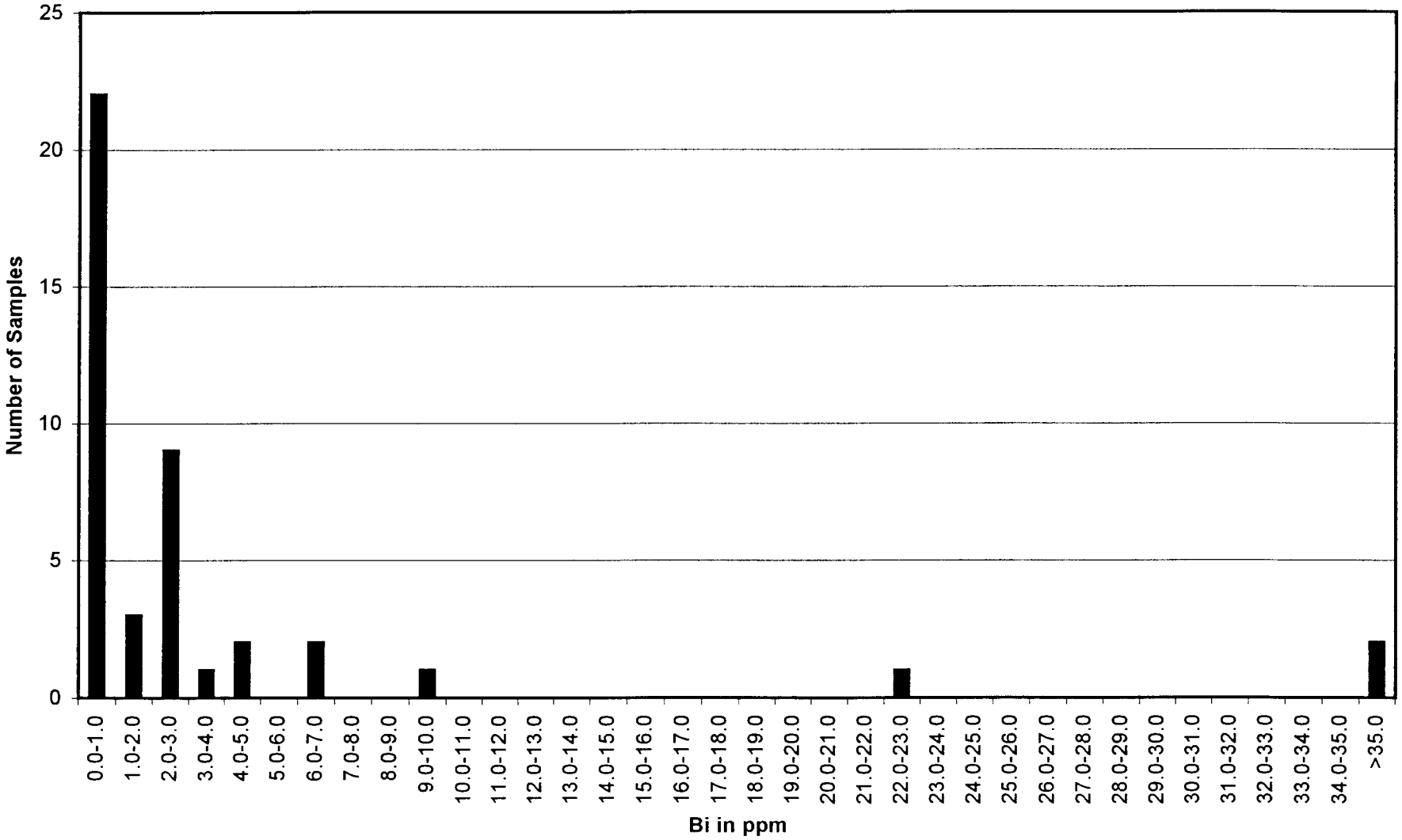
Au in Pan Cons, White River Area



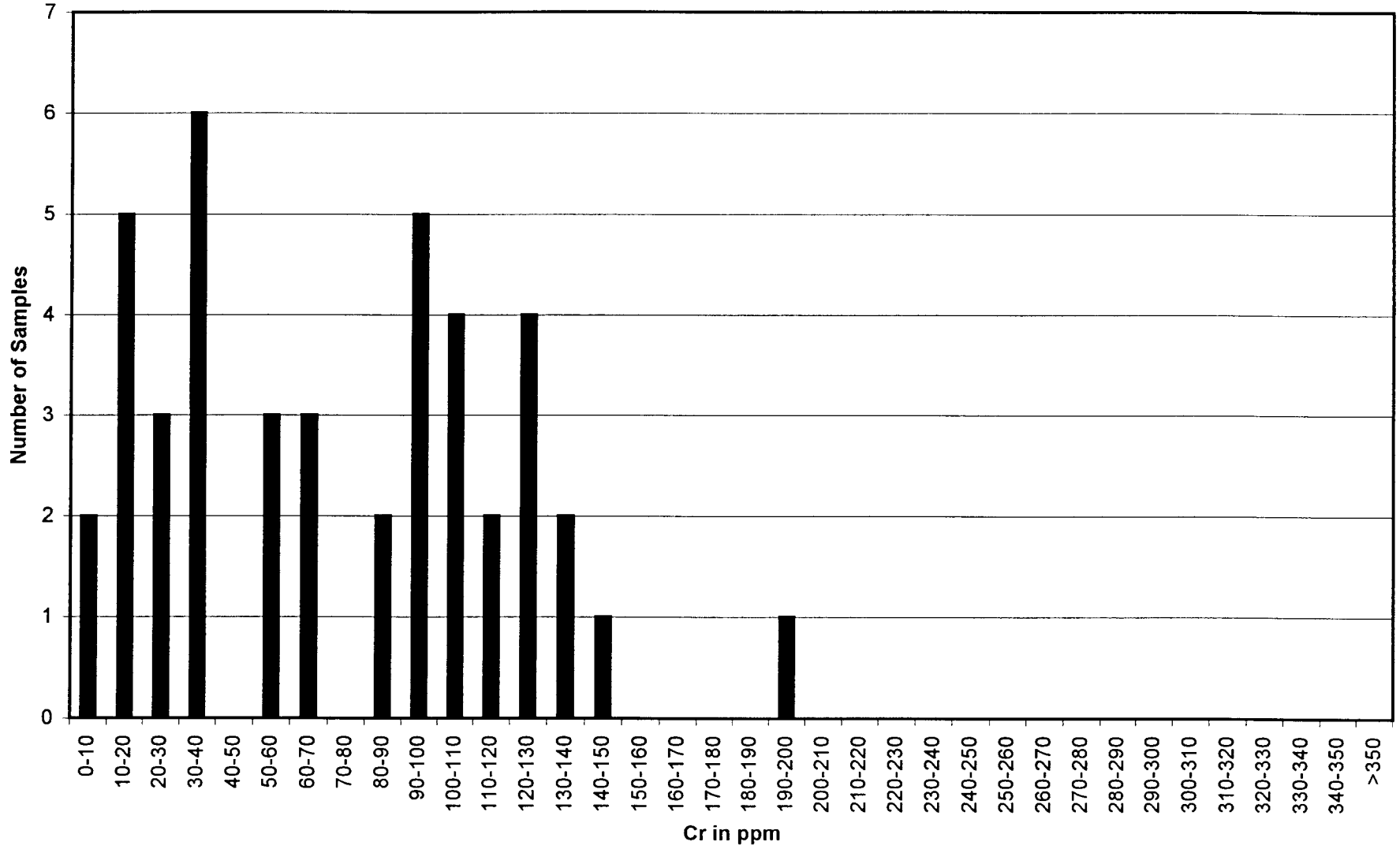
Sb in Pan Cons, White River Area



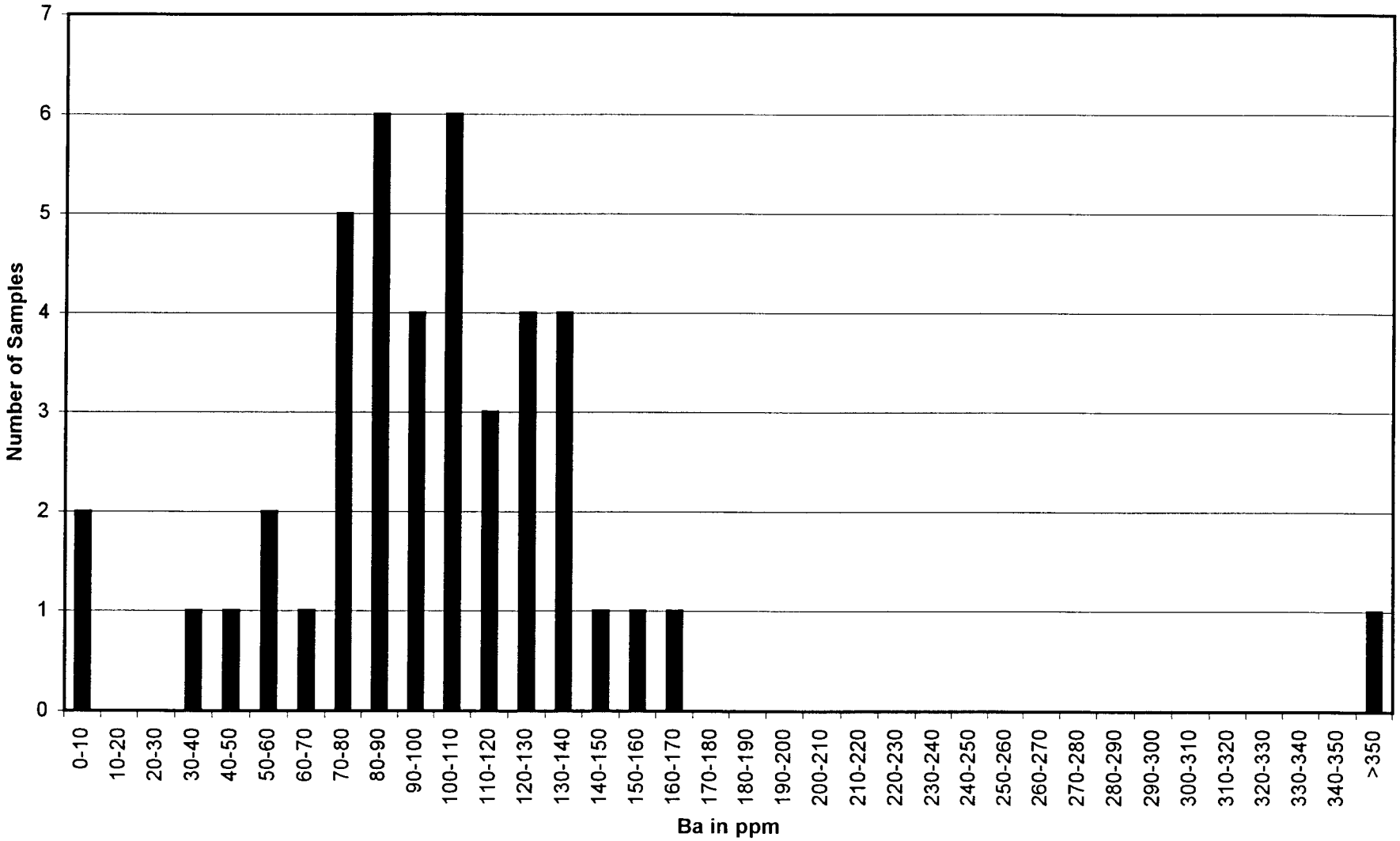
Bi in Pan Cons, White River Area



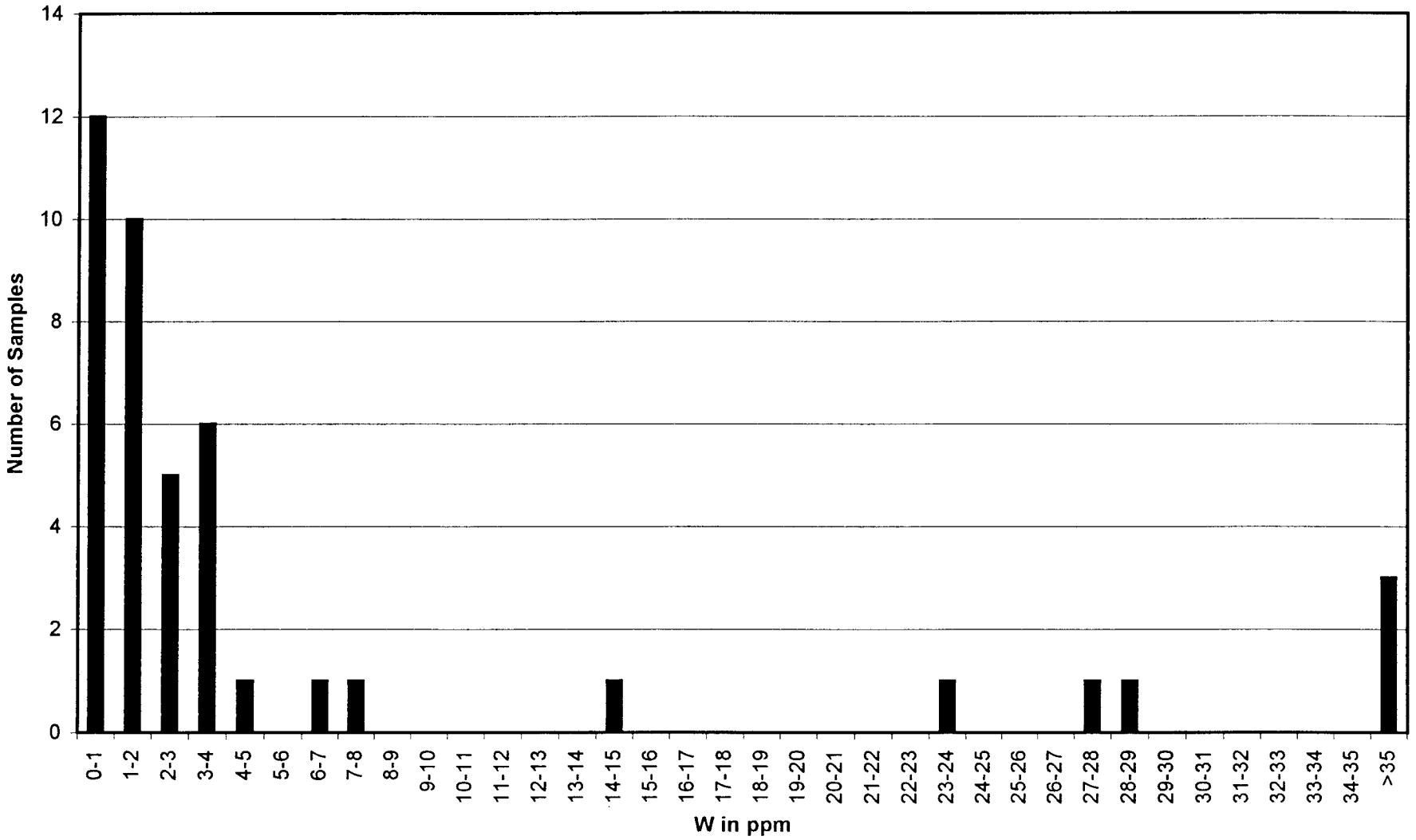
Cr in Pan Cons, White River Area



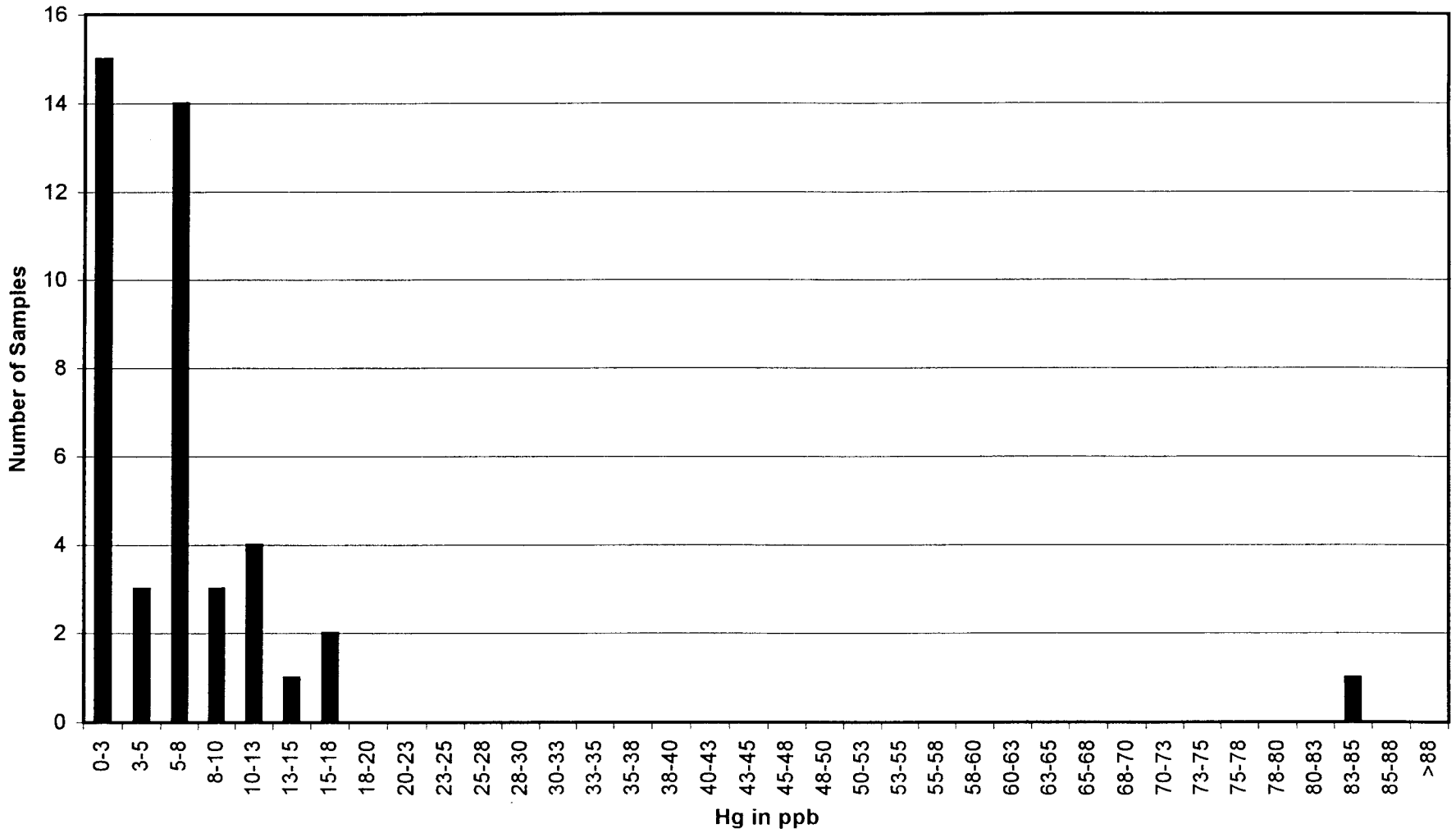
Ba in Pan Cons, White River Area



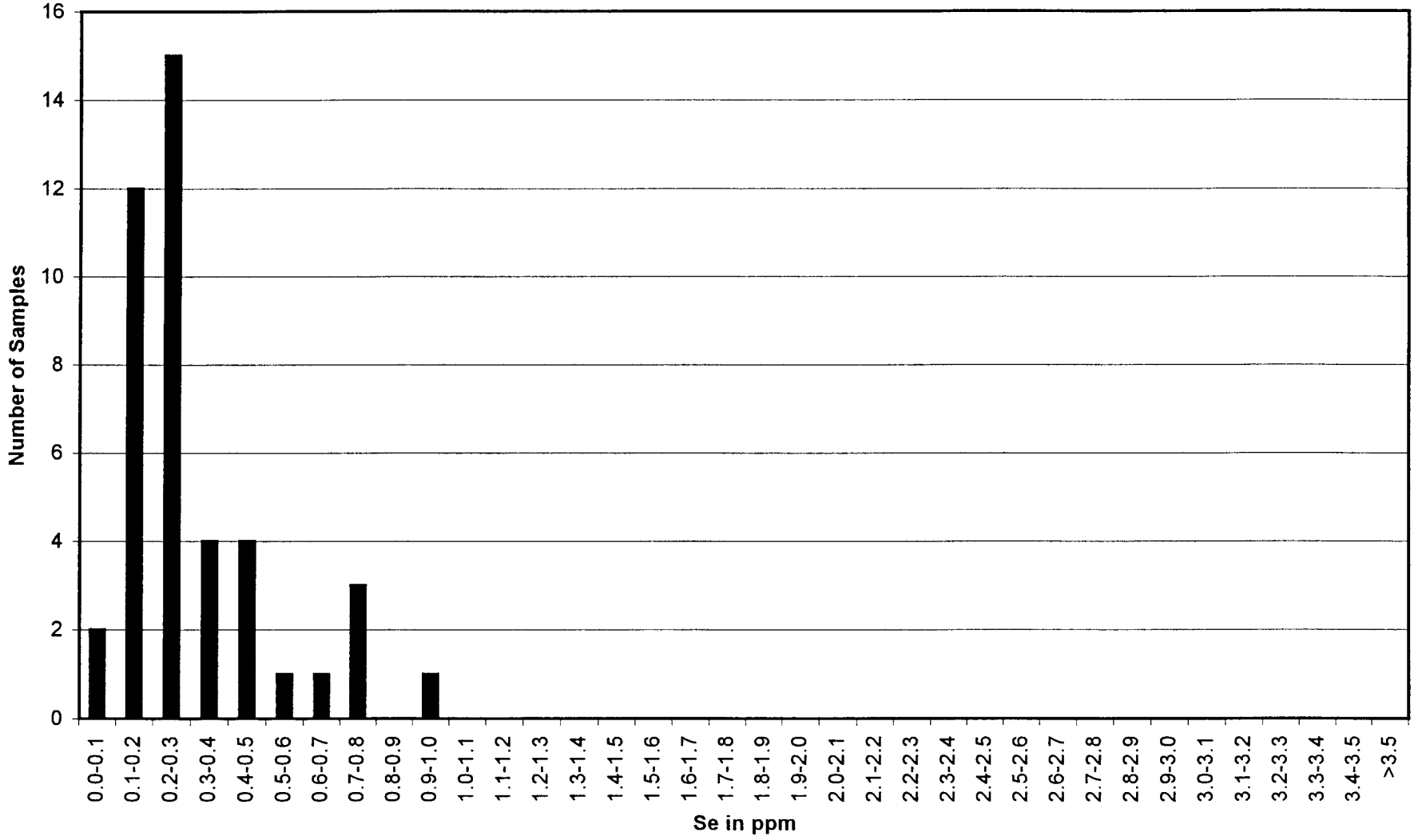
W in Pan Cons, White River Area



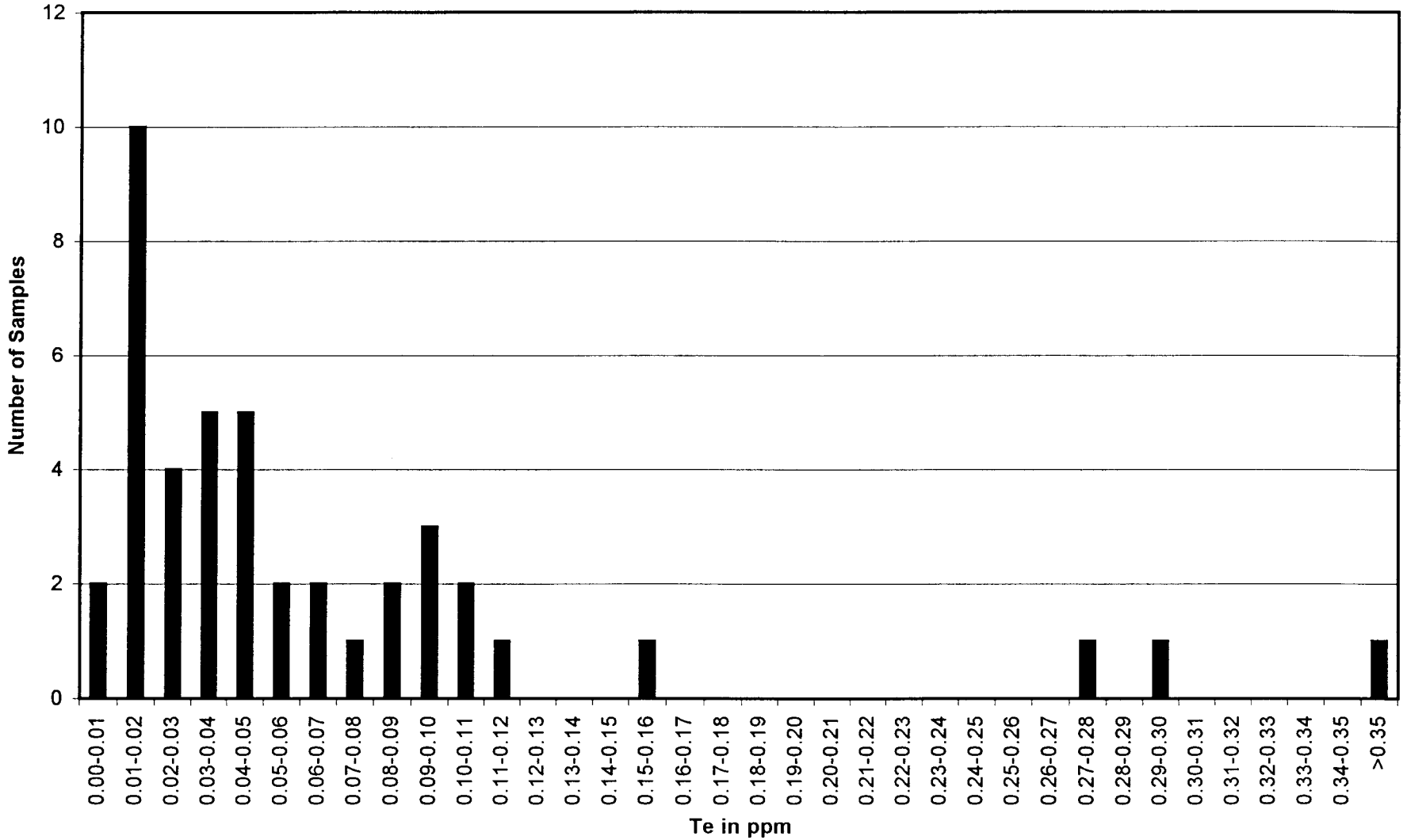
Hg in Pan Cons, White River Area

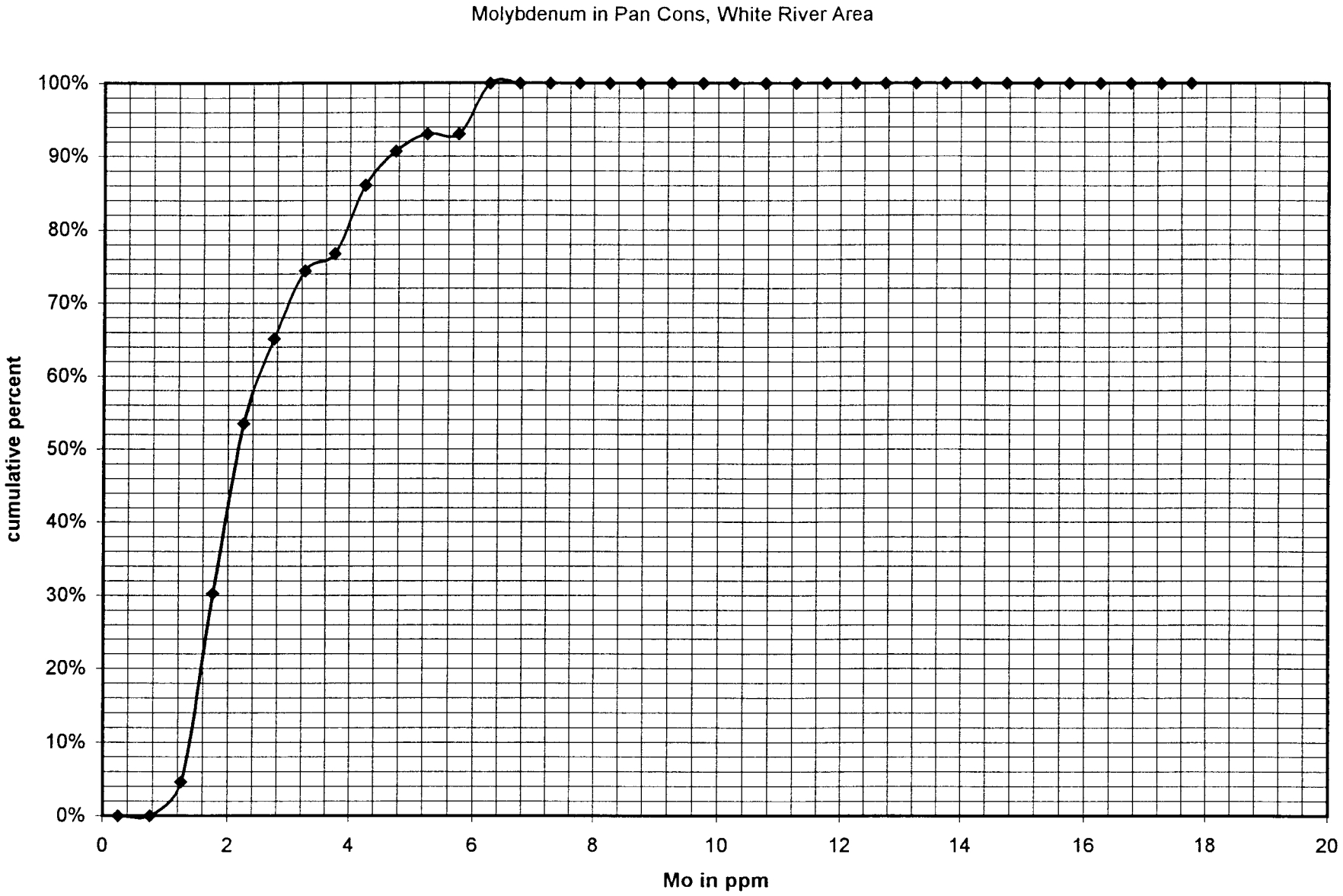


Se in Pan Cons, White River Area

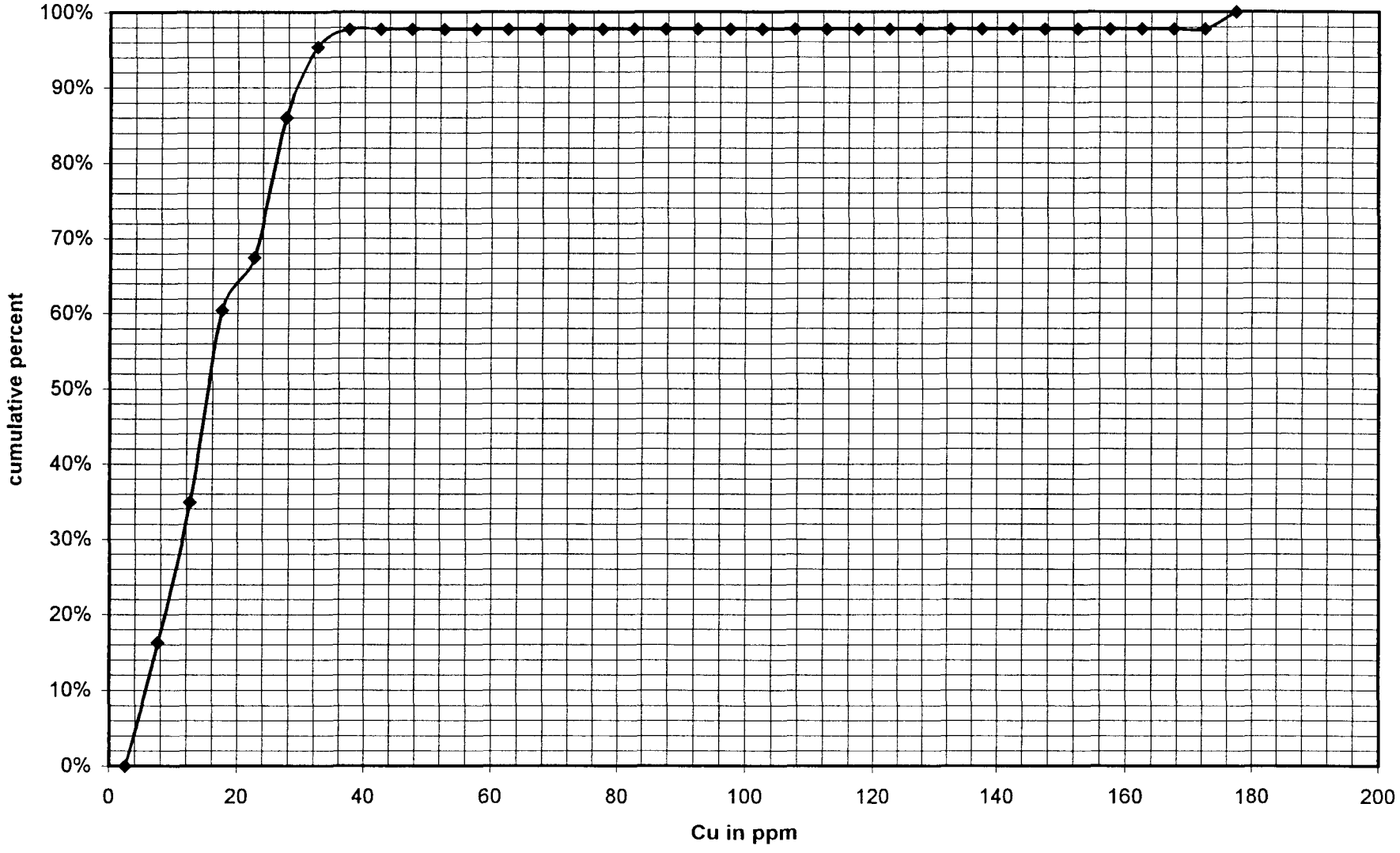


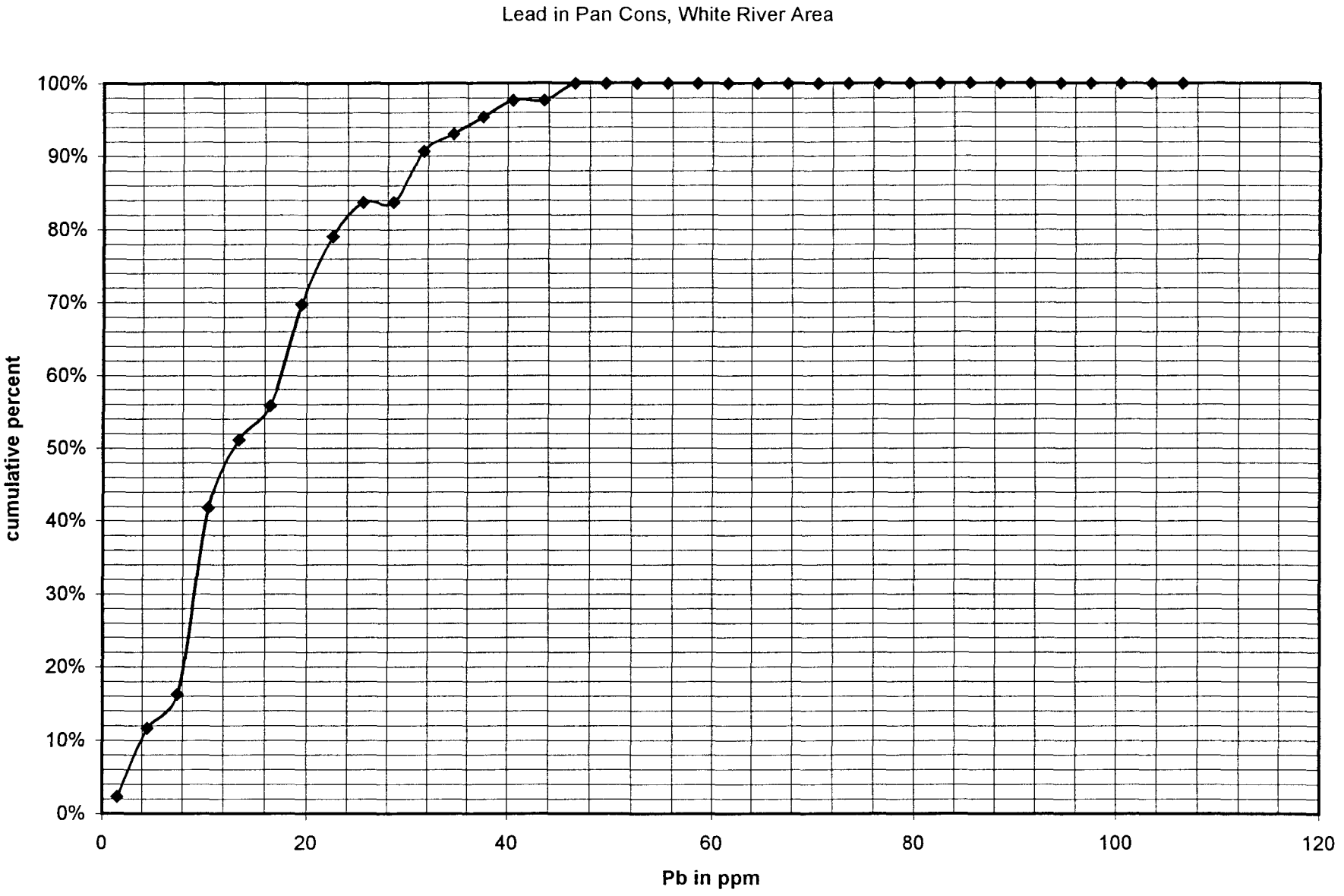
Te in Pan Cons, White River Area



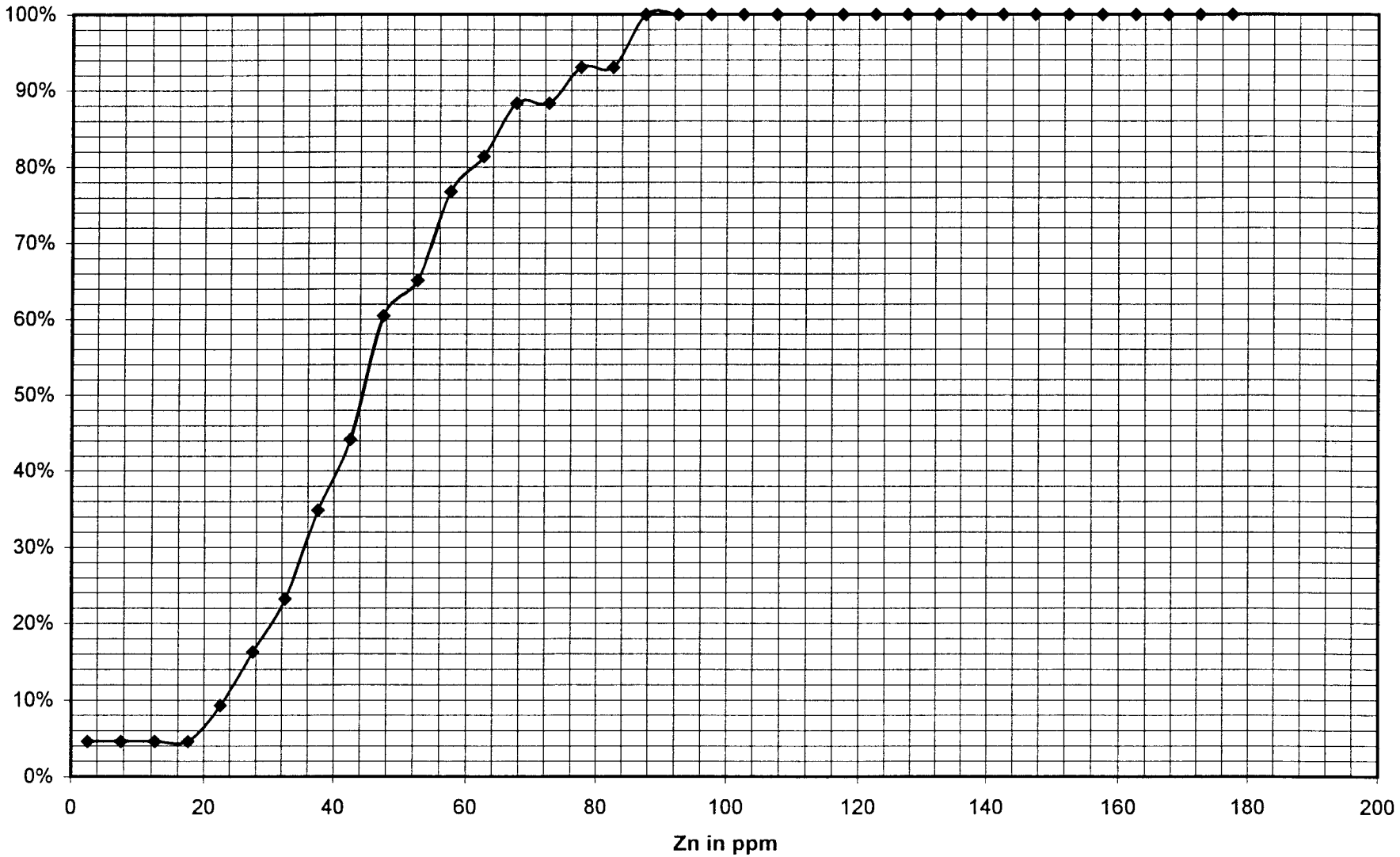

Molybdenum in Pan Cons, White River Area
cumulative percent
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
0
2
4
6
8
10
12
14
16
18
20
Mo in ppm

Copper in Pan Cons, White River Area

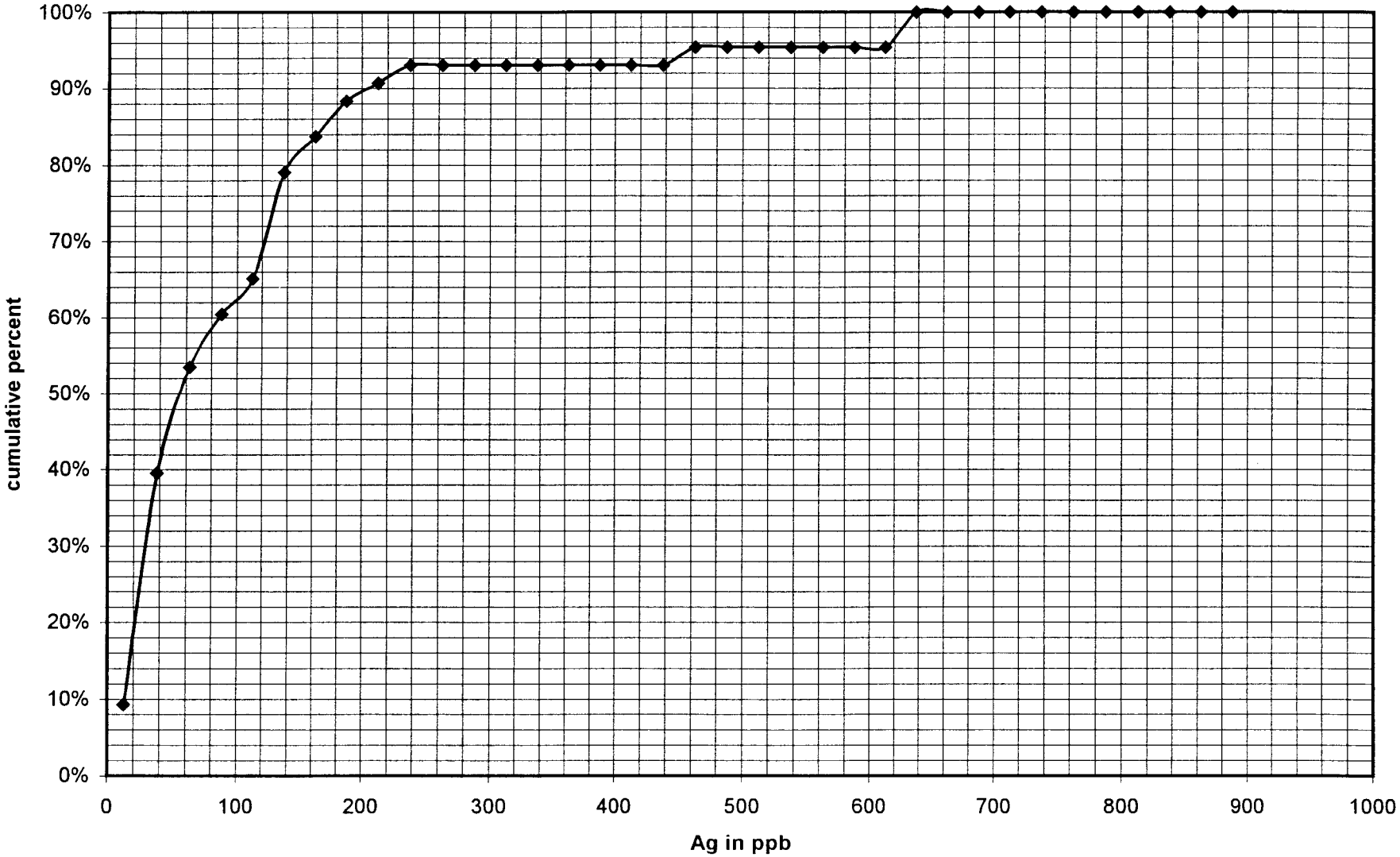


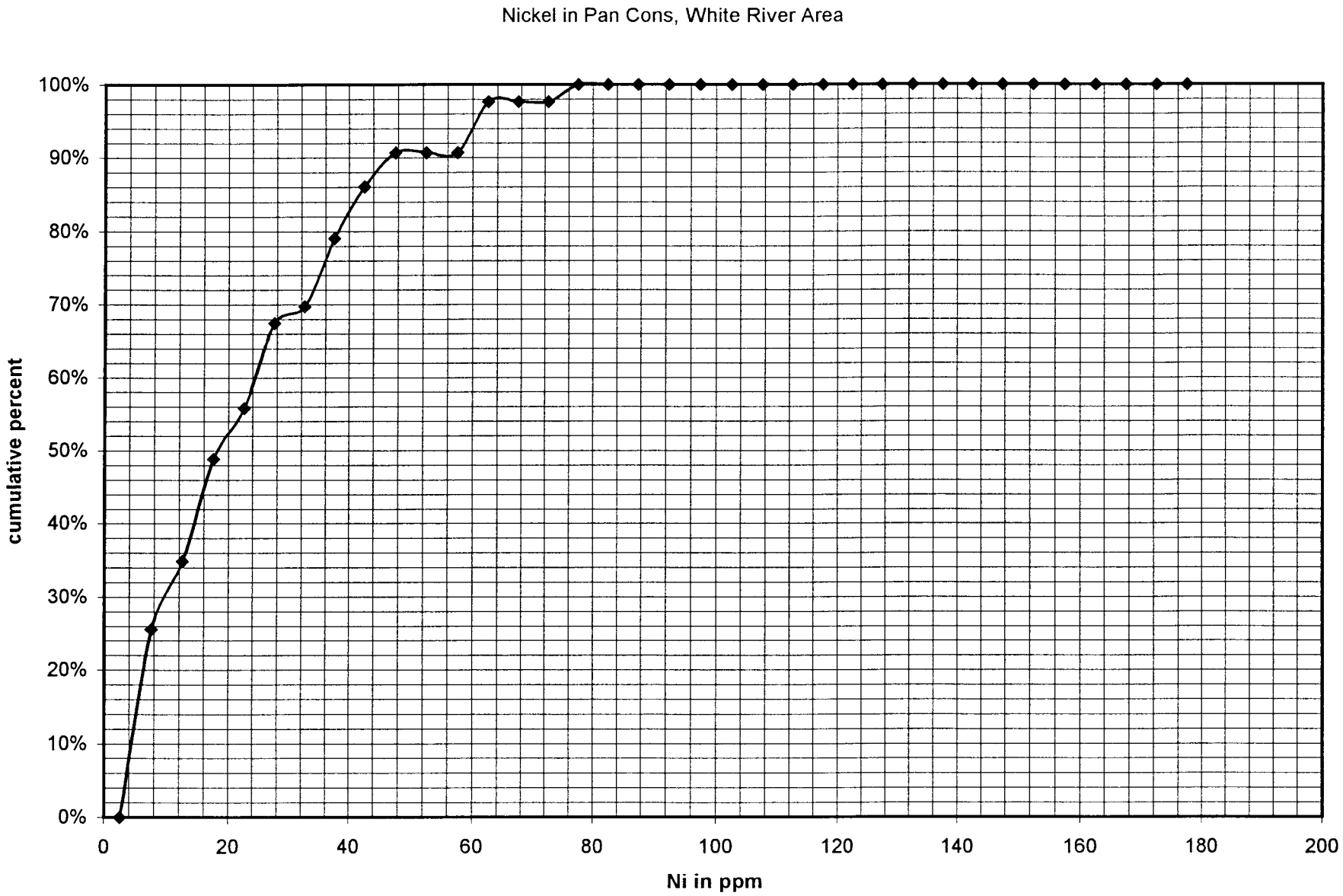

Lead in Pan Cons, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
20
40
60
80
100
120
Pb in ppm

Zn in Pan Cons, White River Area

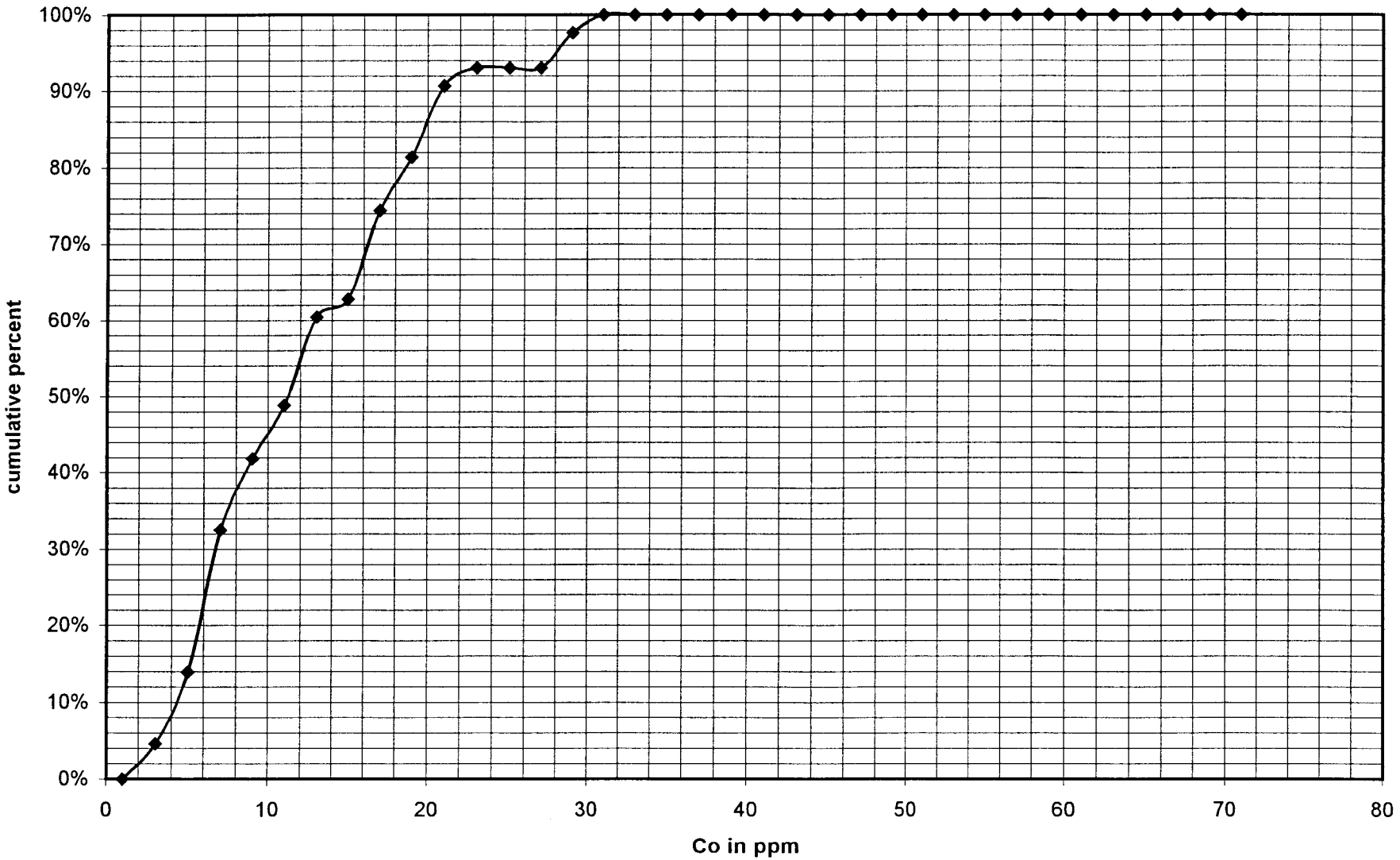


Silver in Pan Cons, White River Area

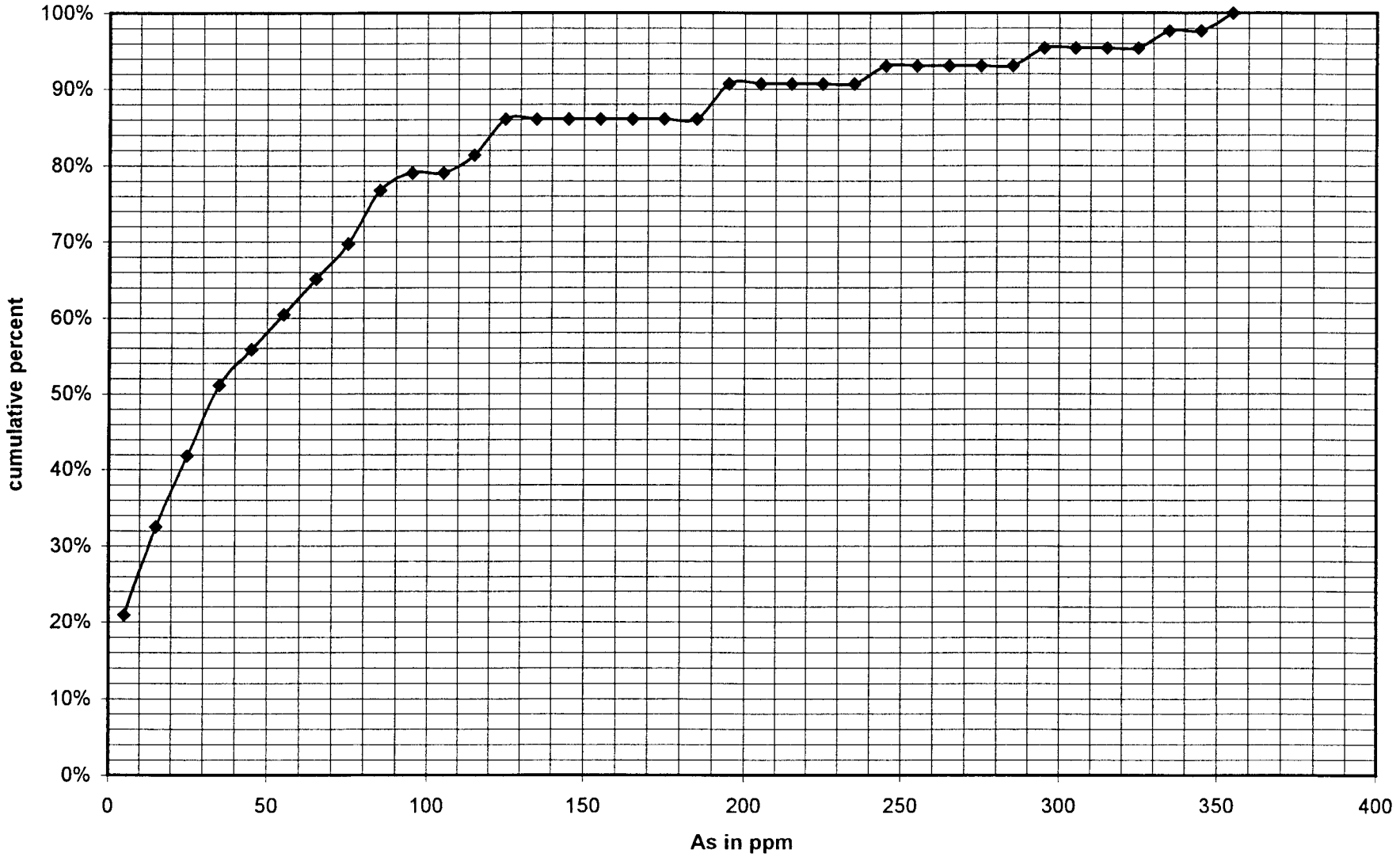



Nickel in Pan Cons, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
20
40
60
80
100
120
140
160
180
200
Ni in ppm

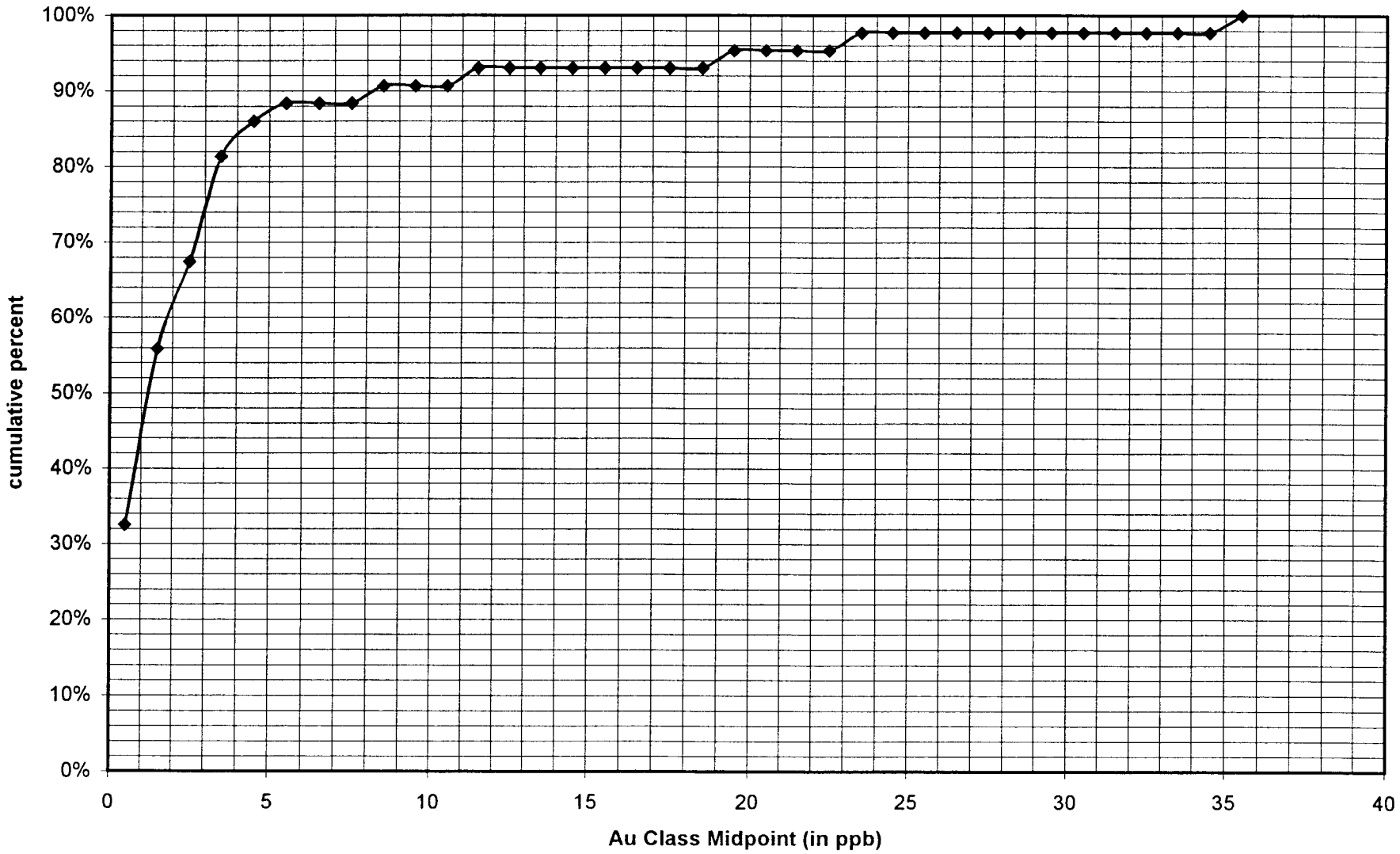
Cobalt in Pan Cons, White River Area



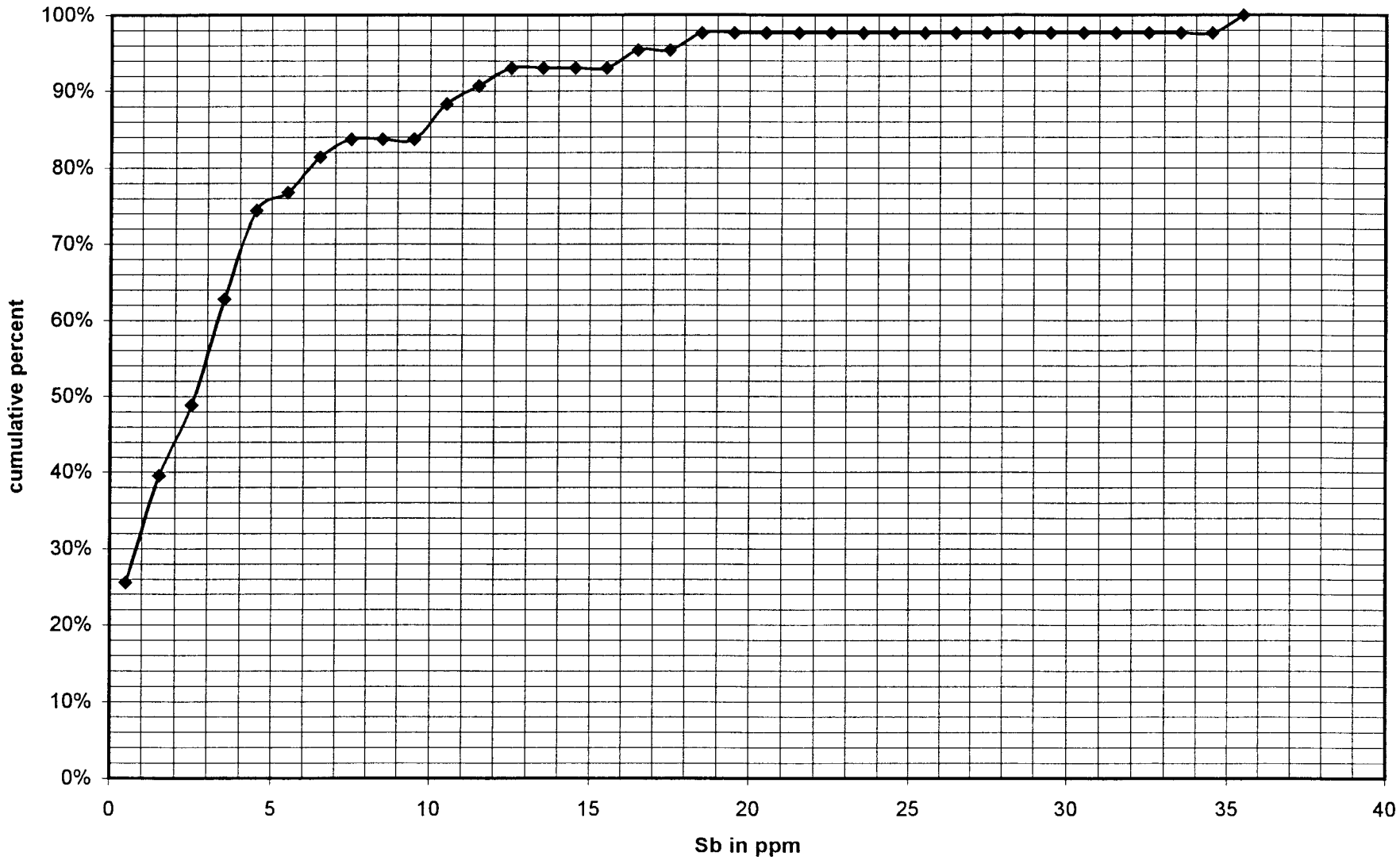
Arsenic in Pan Cons, White River Area



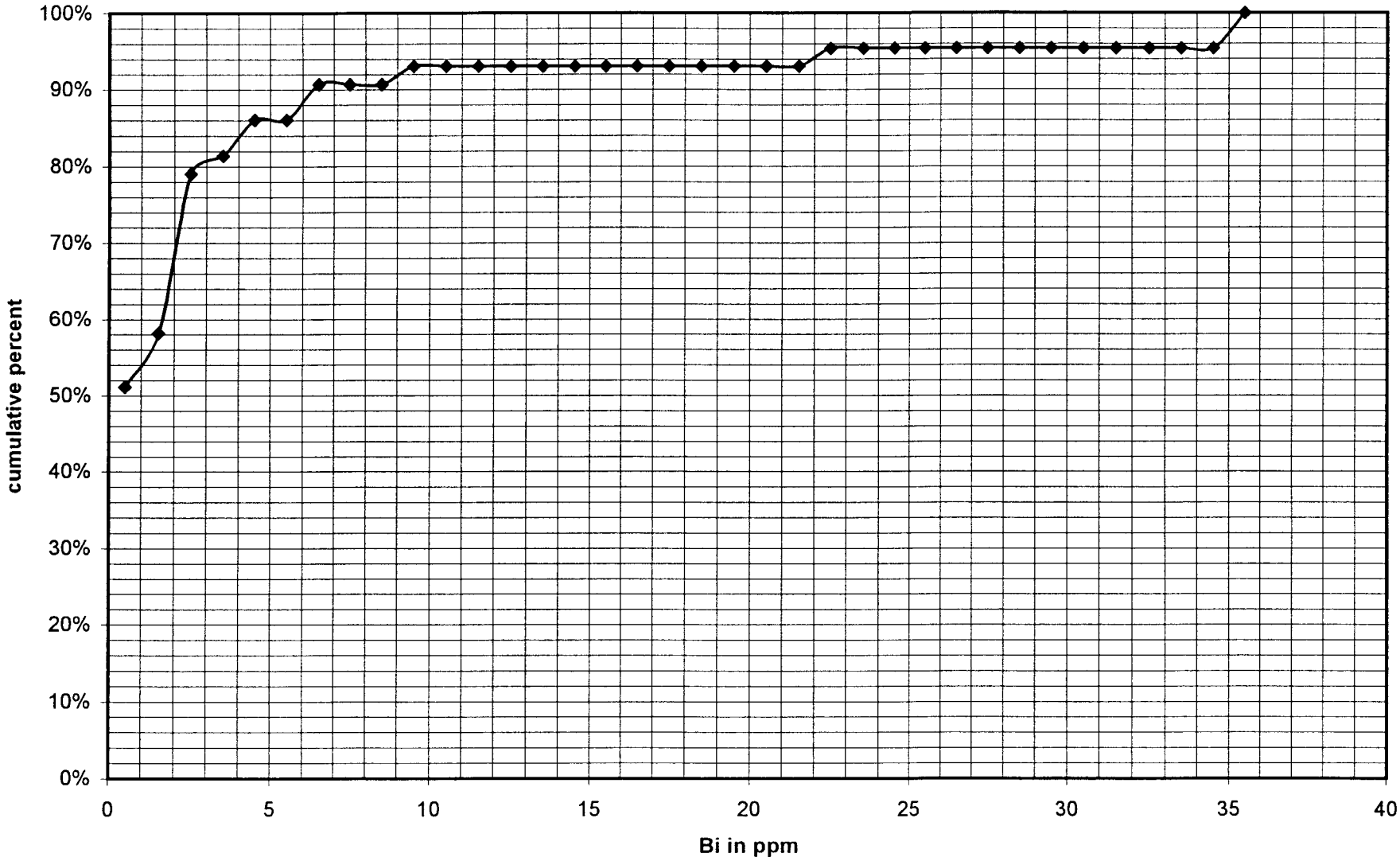
Gold in Pan Cons, White River Area

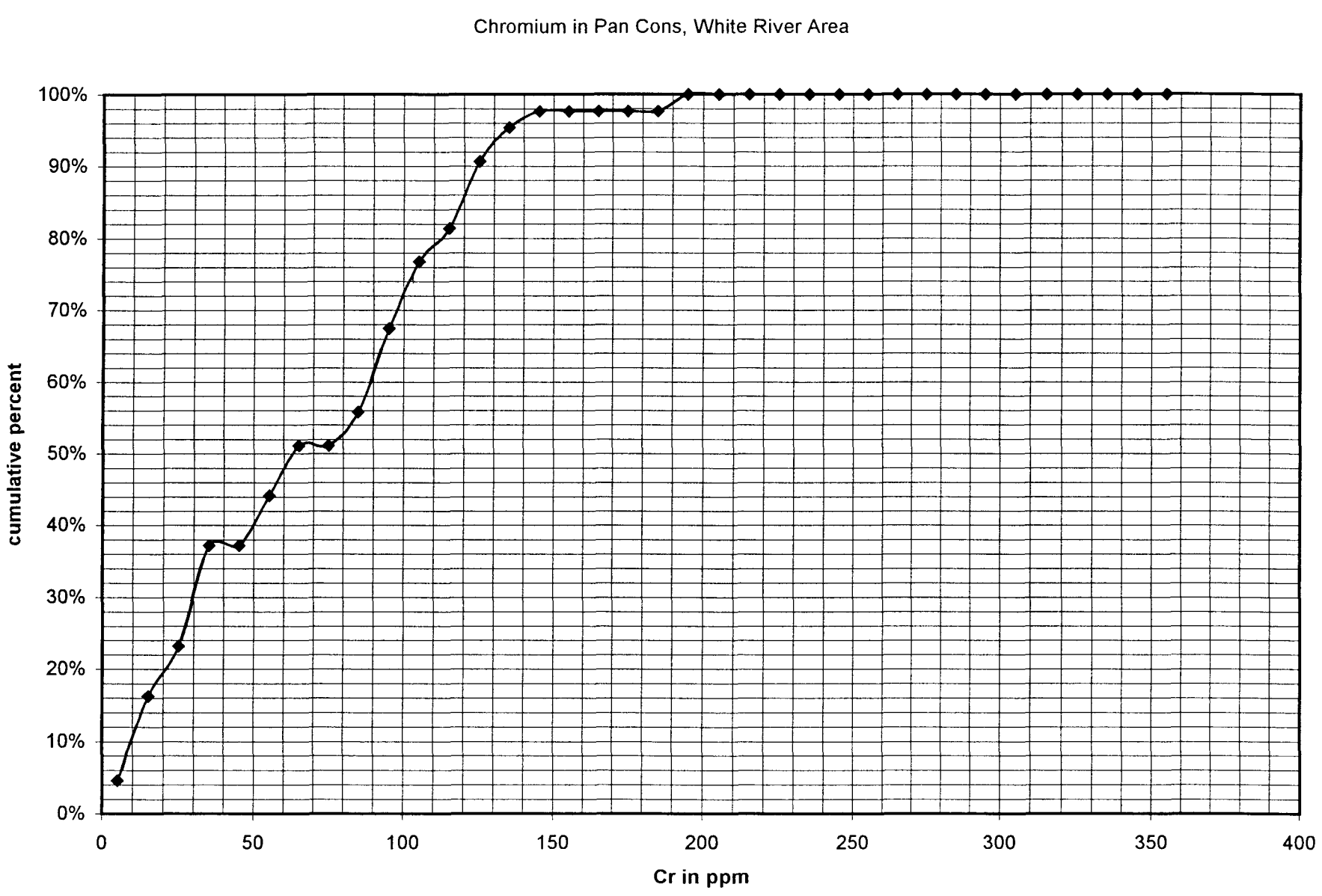


Antimony in Pan Cons, White River Area

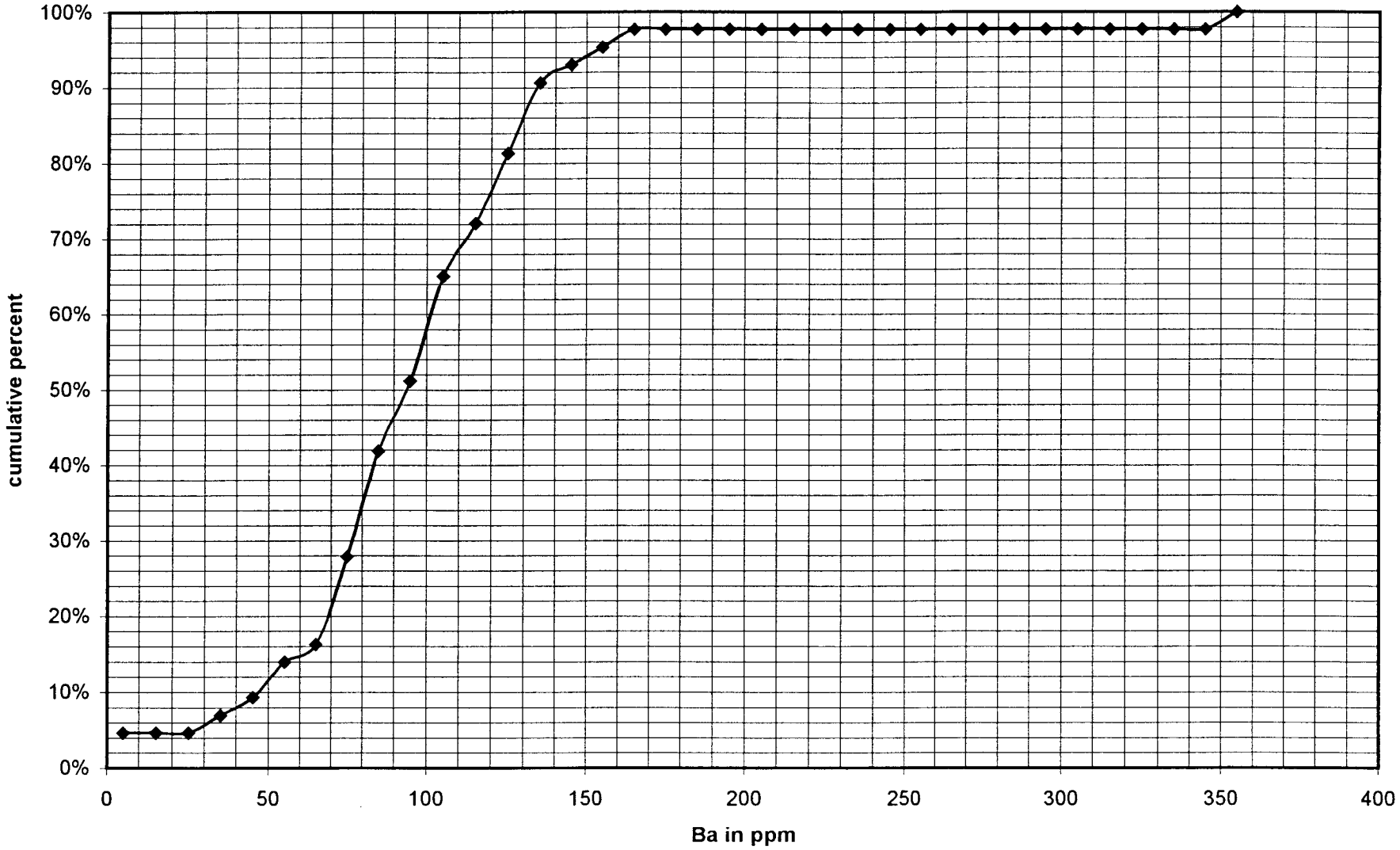


Bismuth in Pan Cons, White River Area

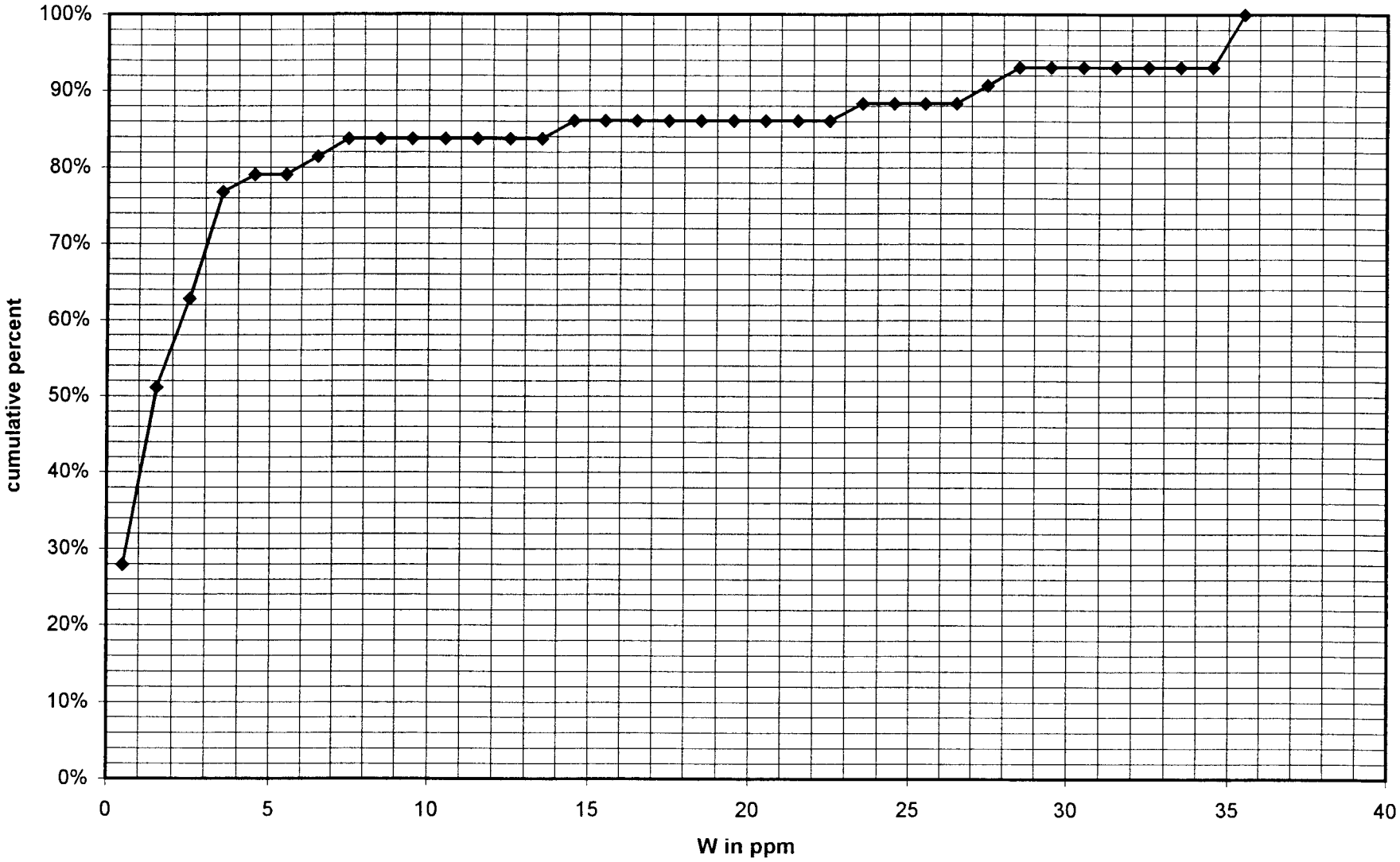



Chromium in Pan Cons, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
50
100
150
200
250
300
350
400
Cr in ppm

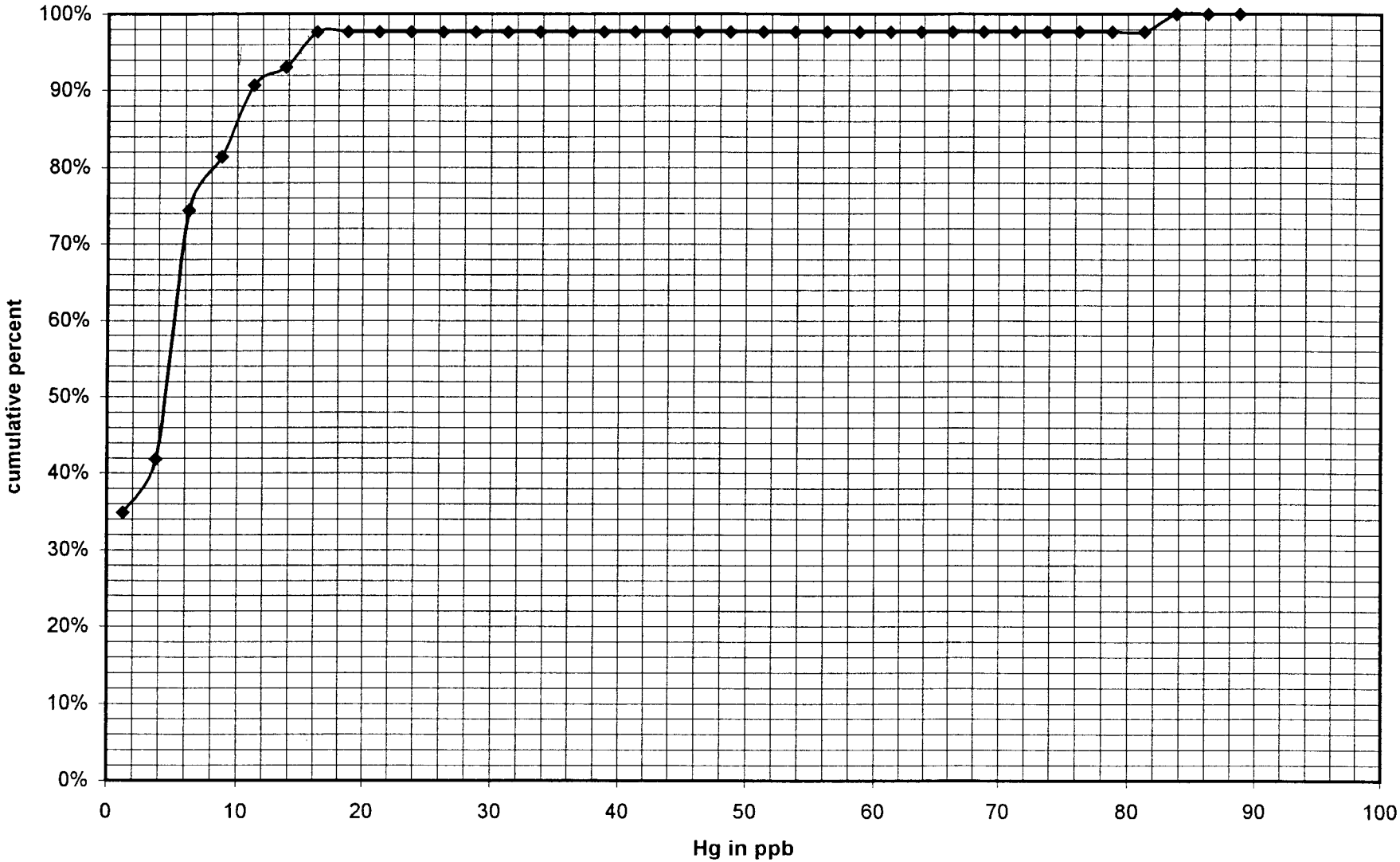
Barium in Pan Cons, White River Area



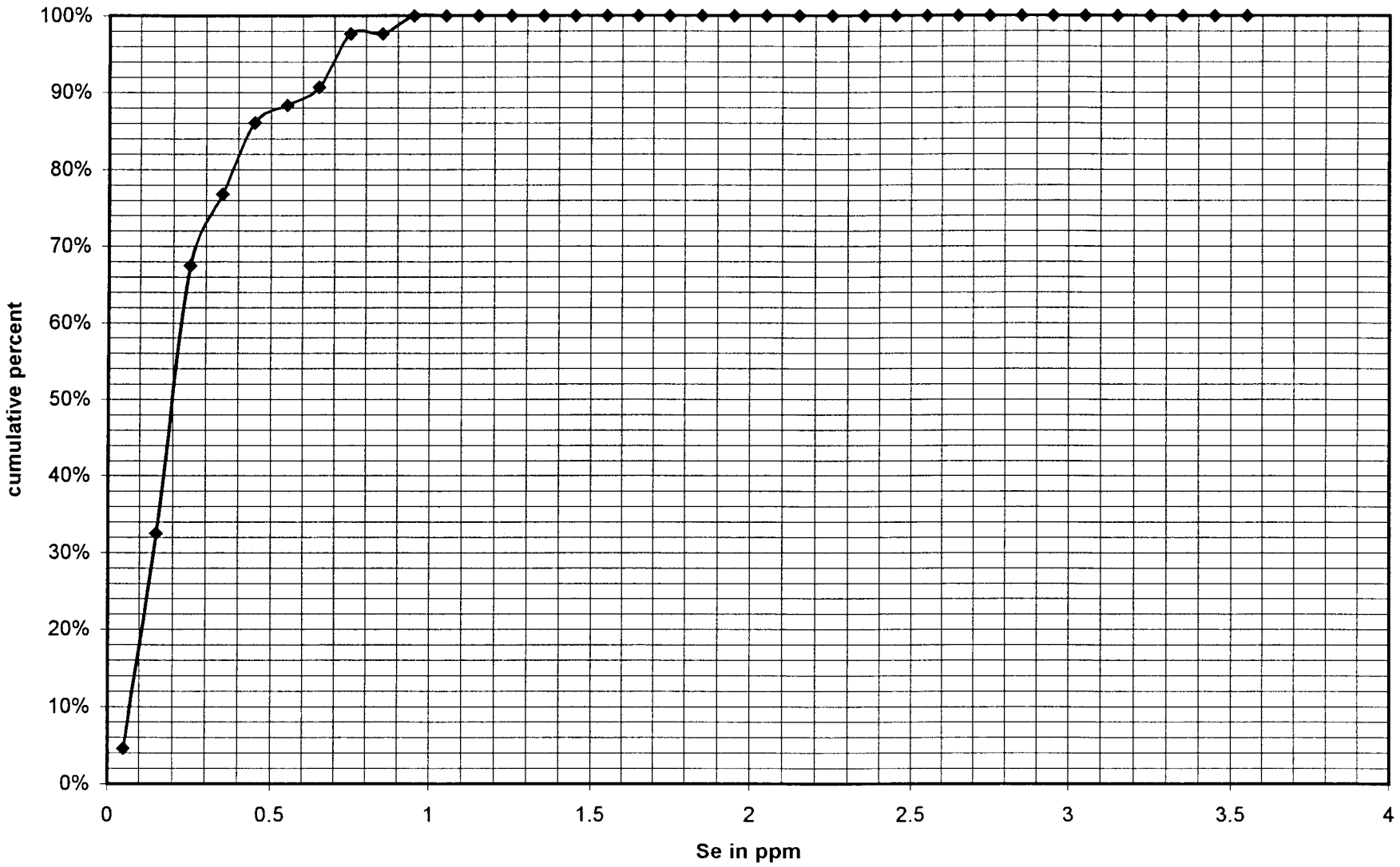
Tungsten in Pan Cons, White River Area

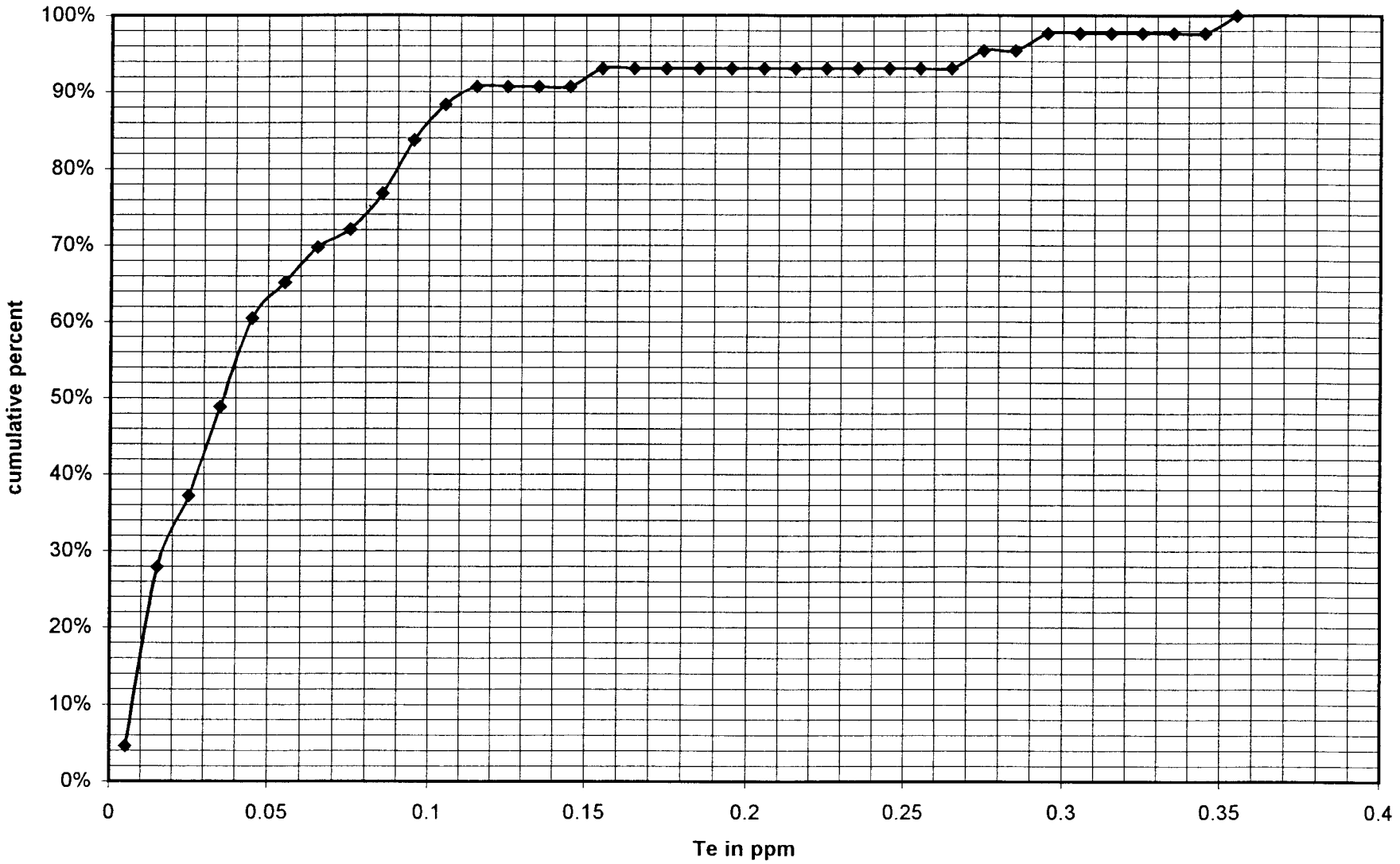


Mercury in Pan Cons, White River Area

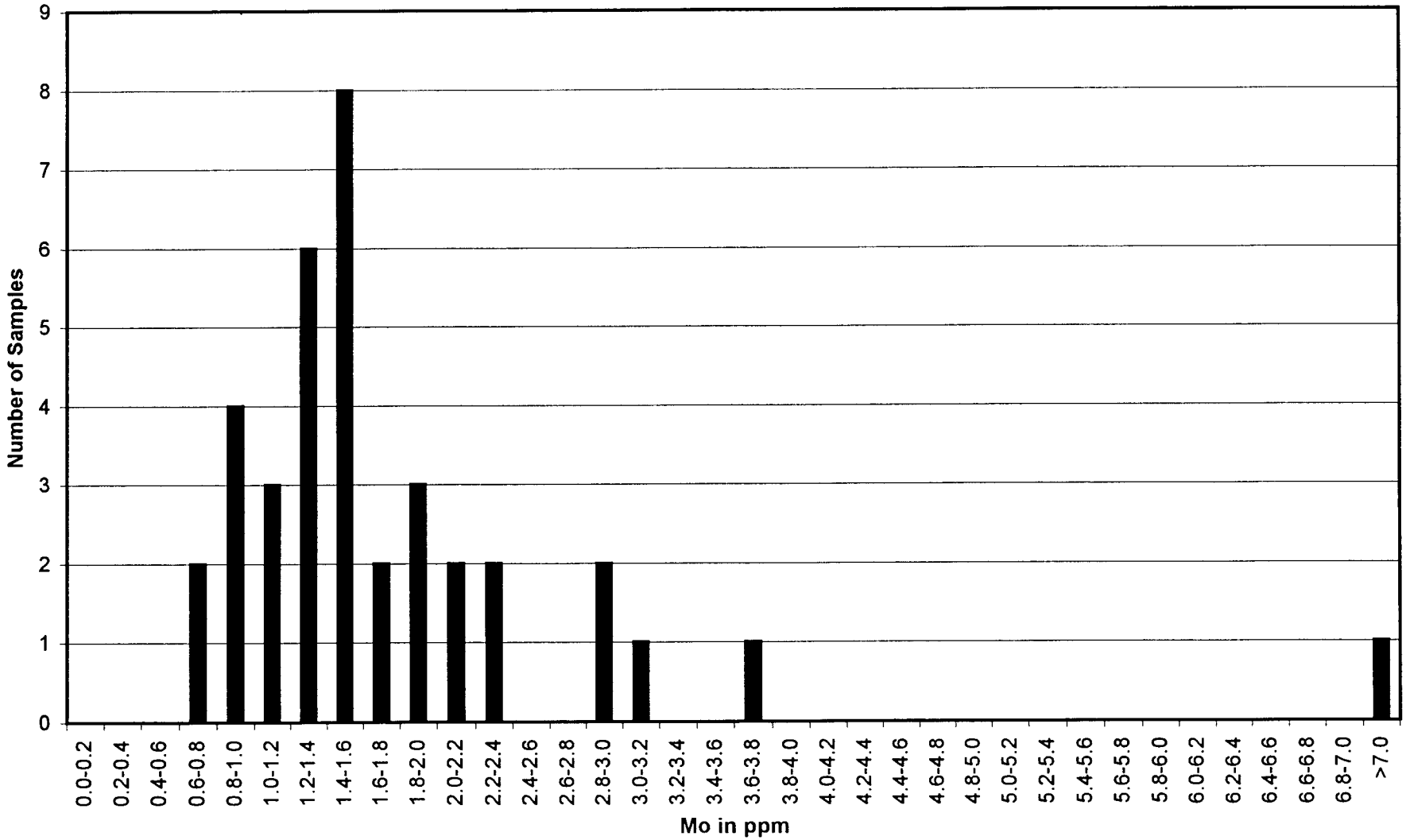


Selenium in Pan Cons, White River Area

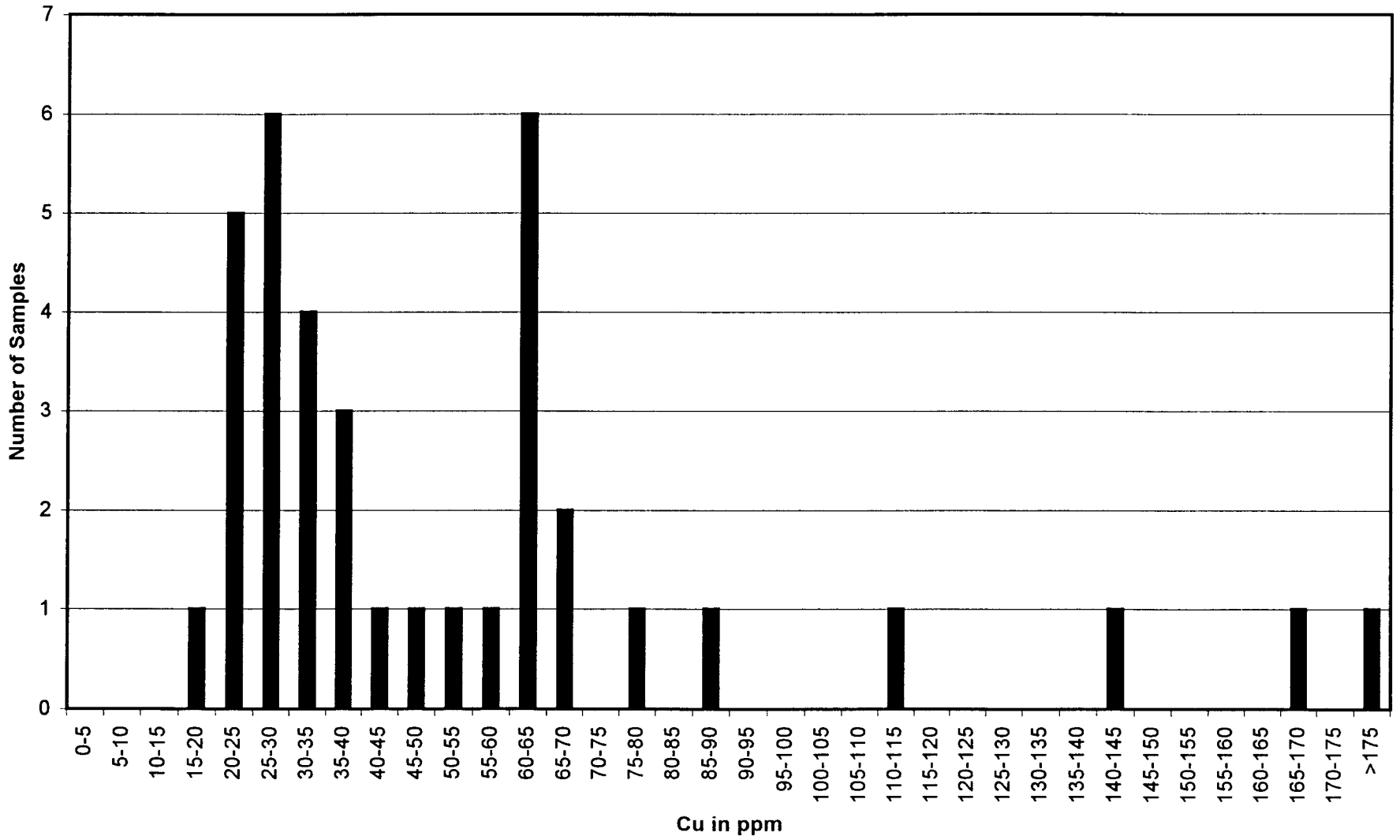



Tellurium in Pan Cons, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
Te in ppm

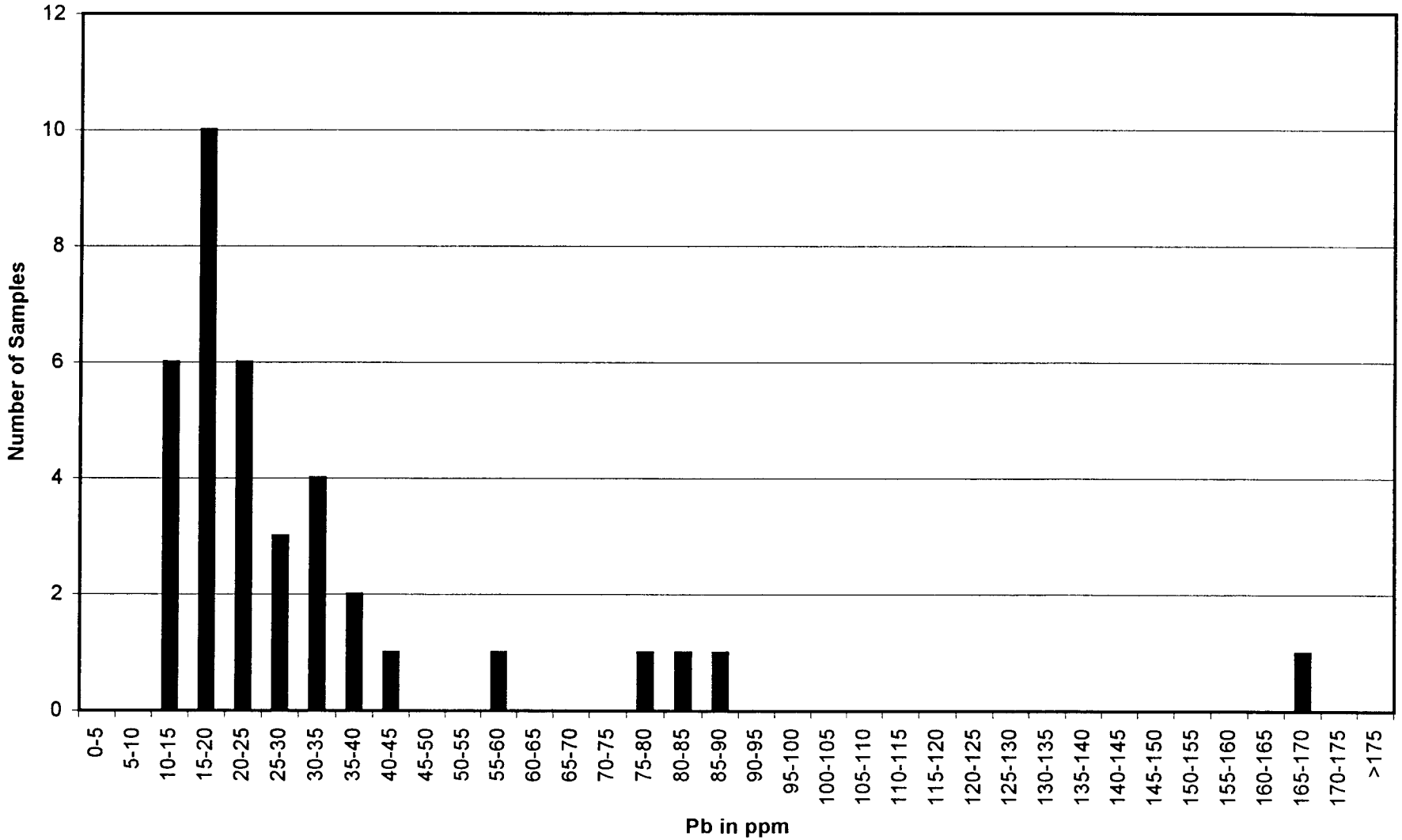
Mo in Soils, White River Area



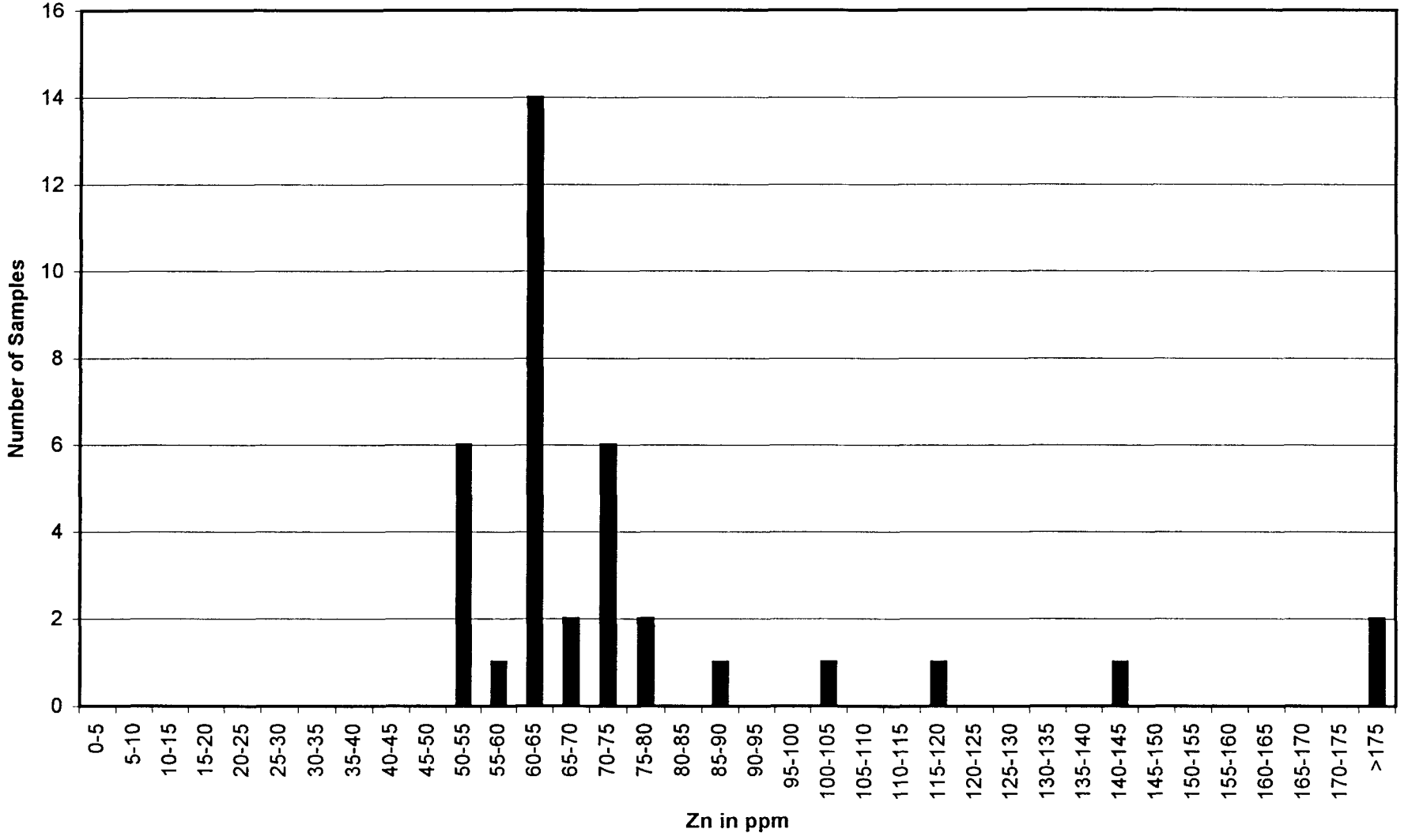
Cu in Soils, White River Area



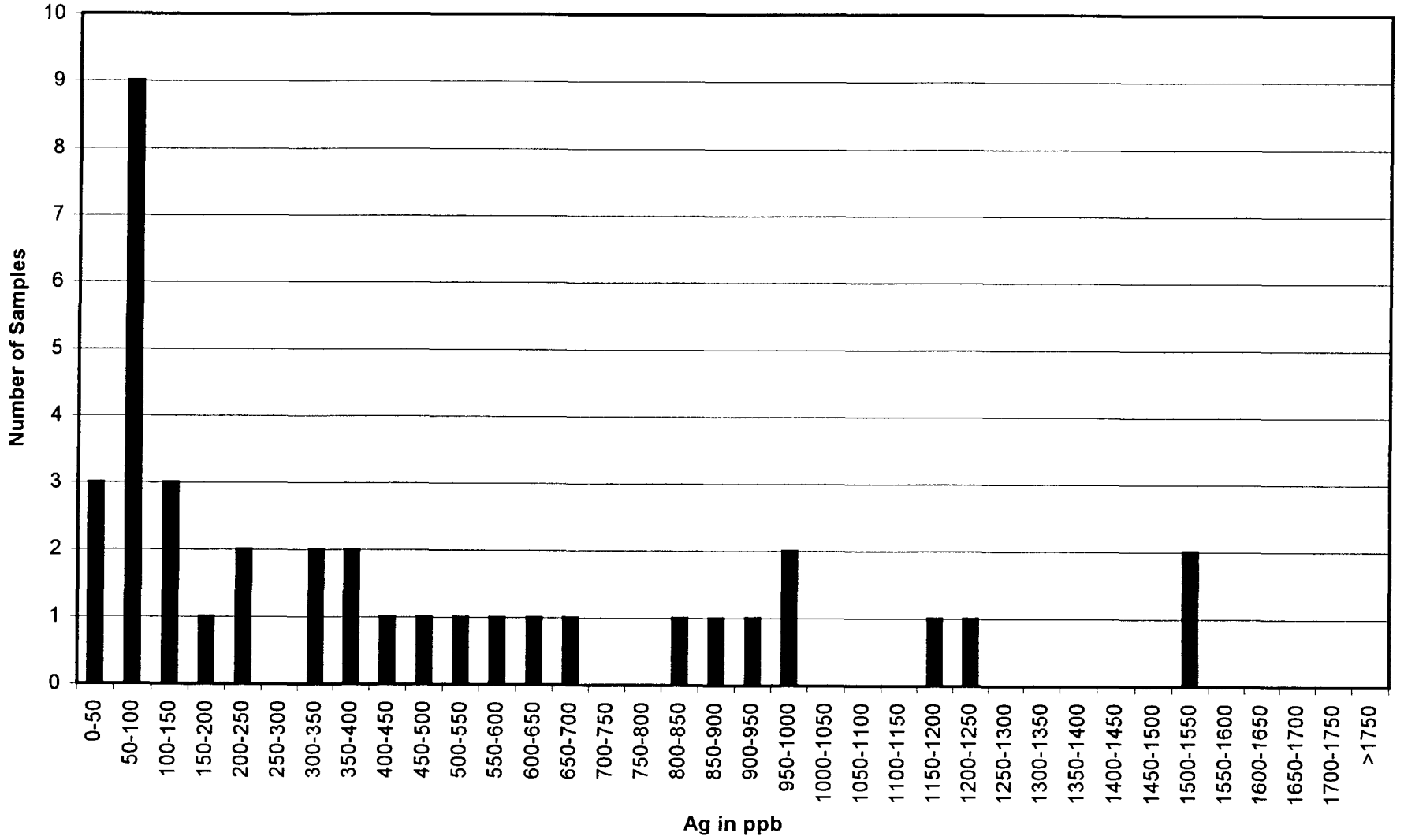
Pb in Soils, White River Area



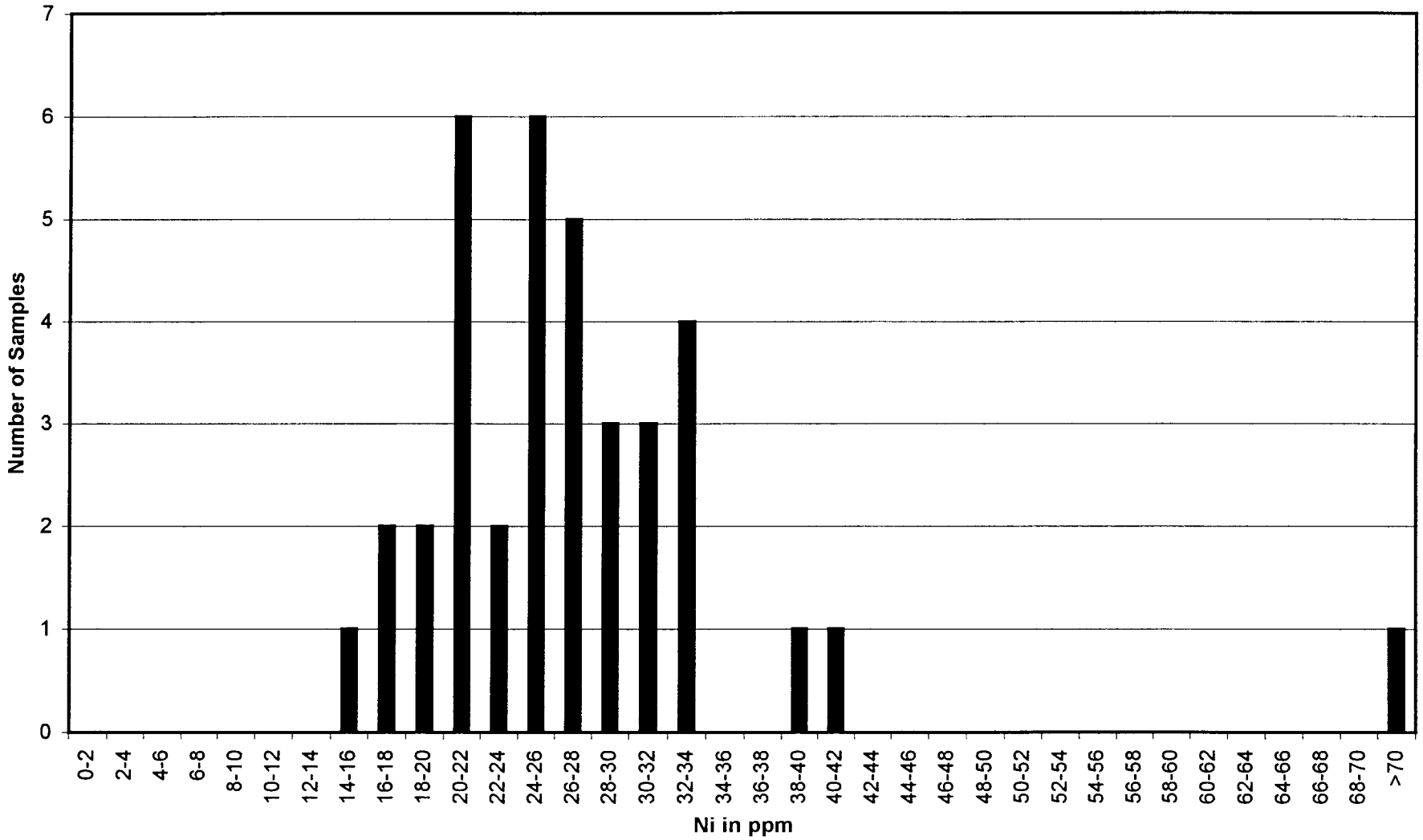
Zn in Soils, White River Area



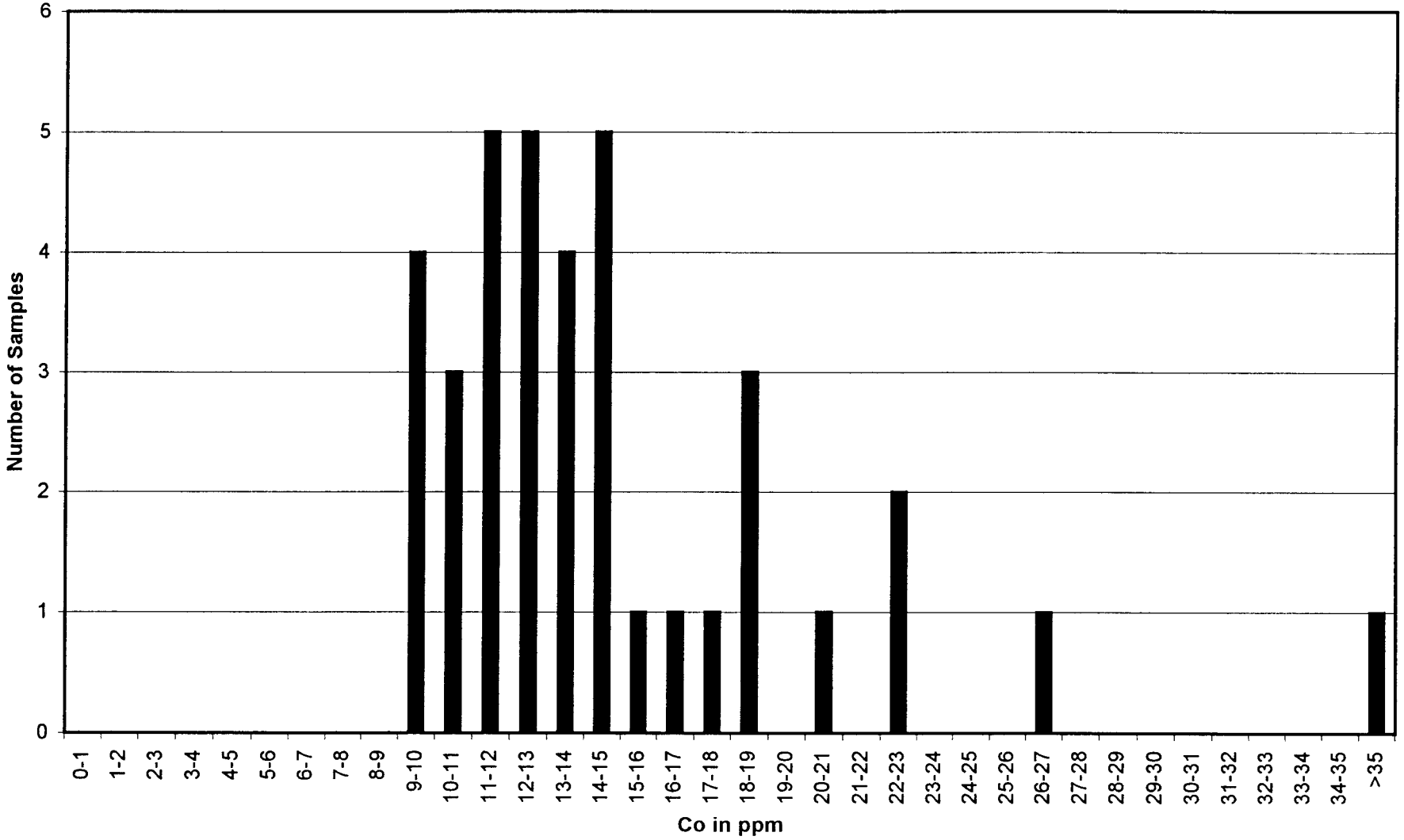
Ag in Soils, White River Area



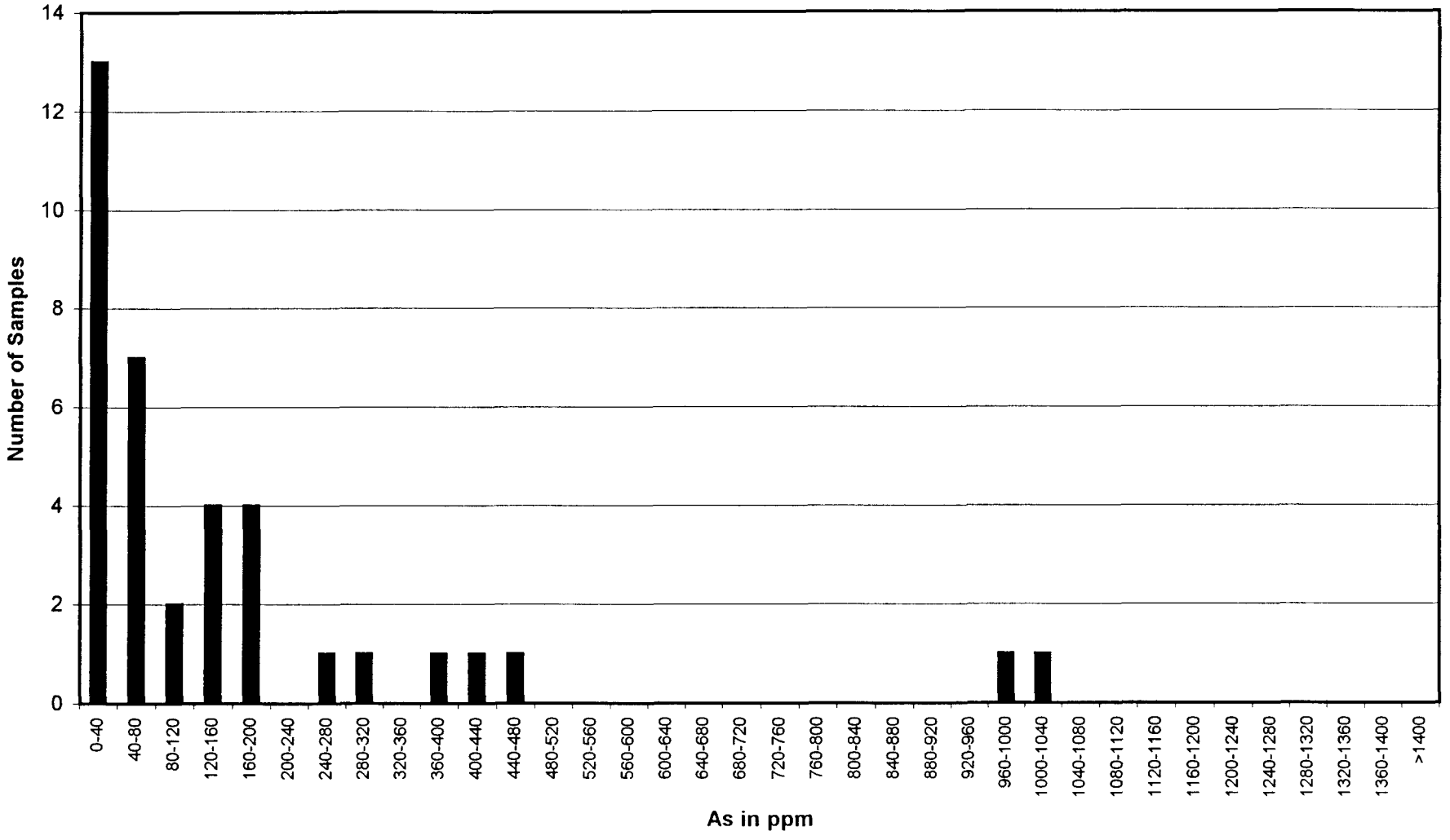
Ni in Soils, White River Area



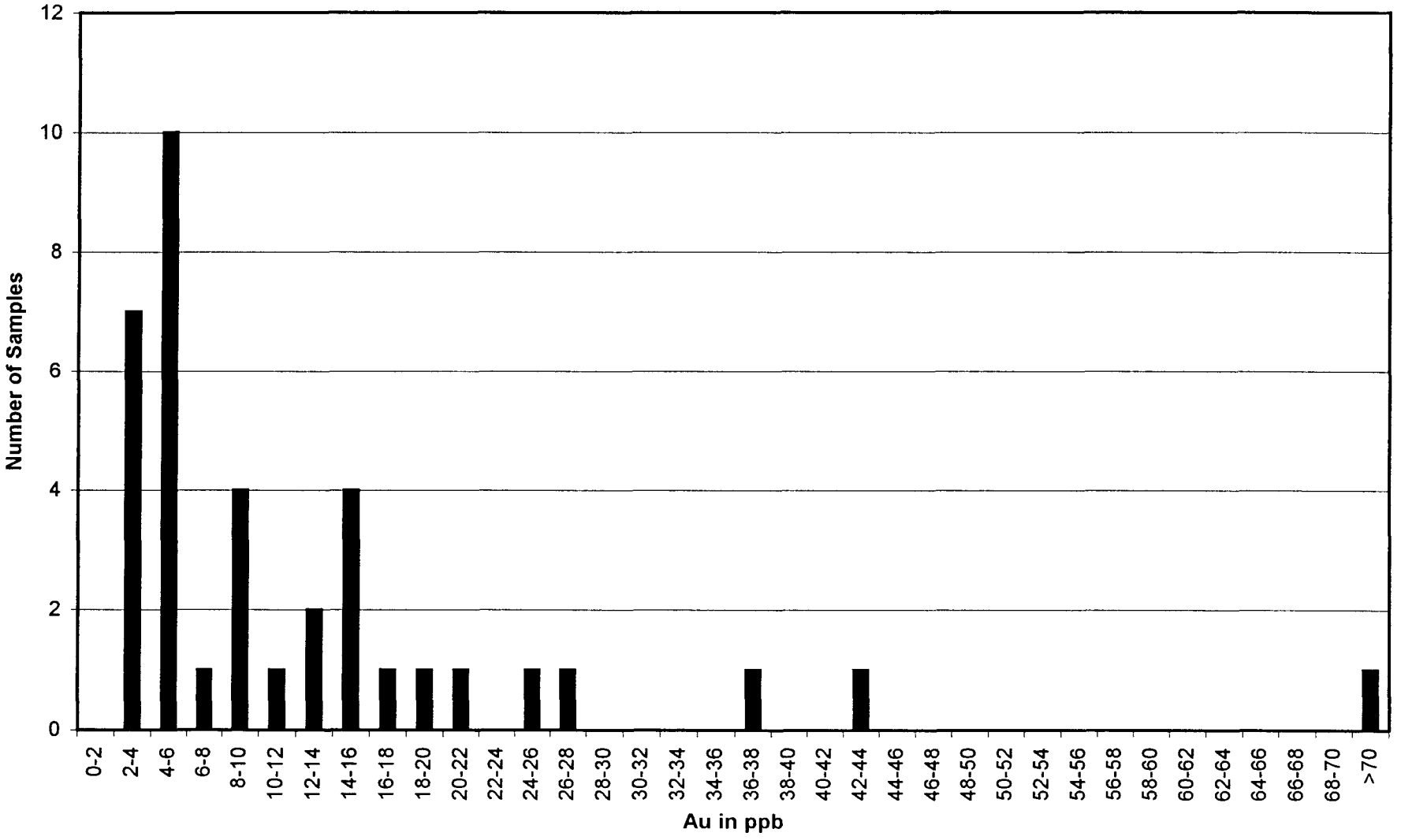
Co in Soils, White River Area



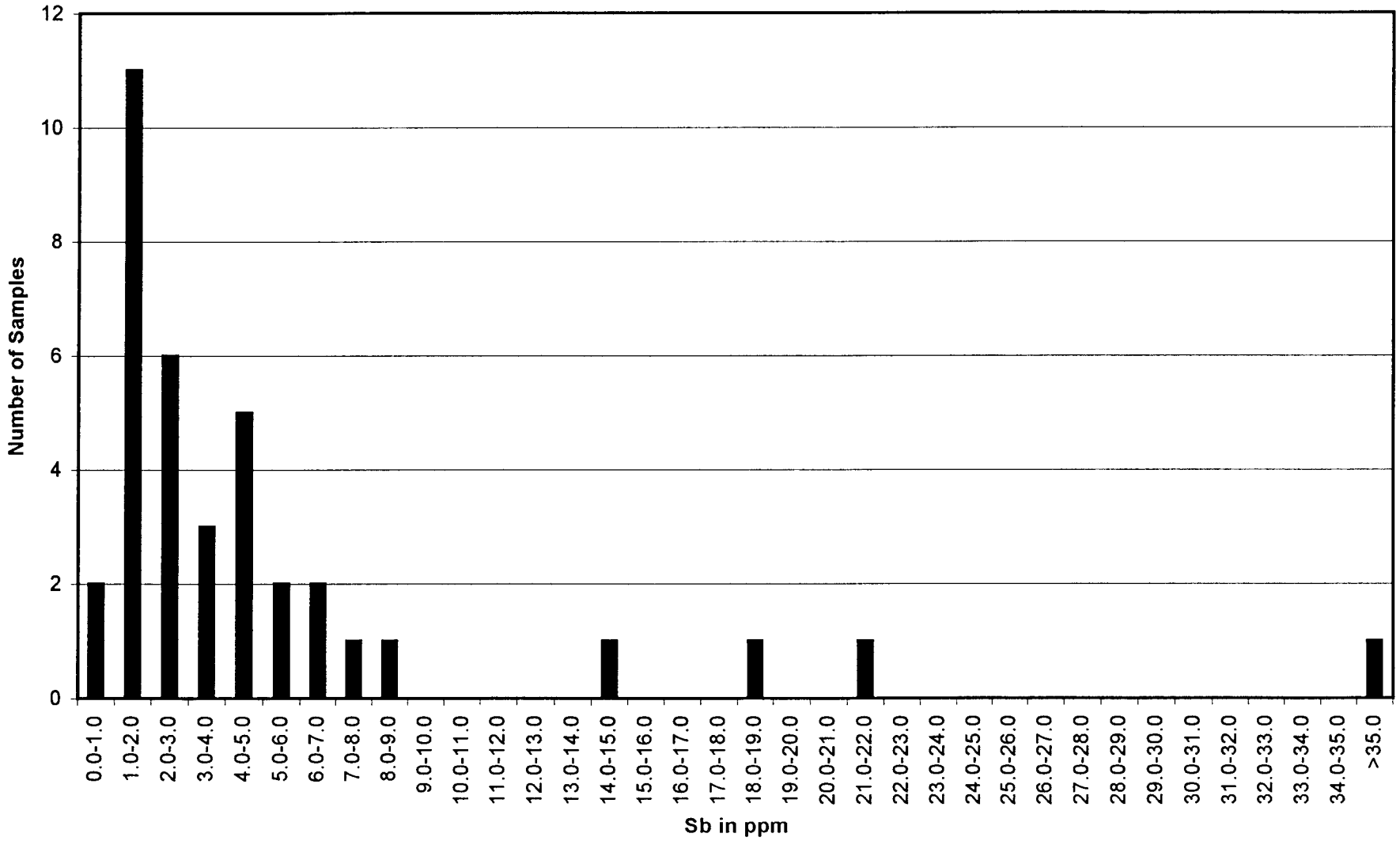
As in Soils, White River Area



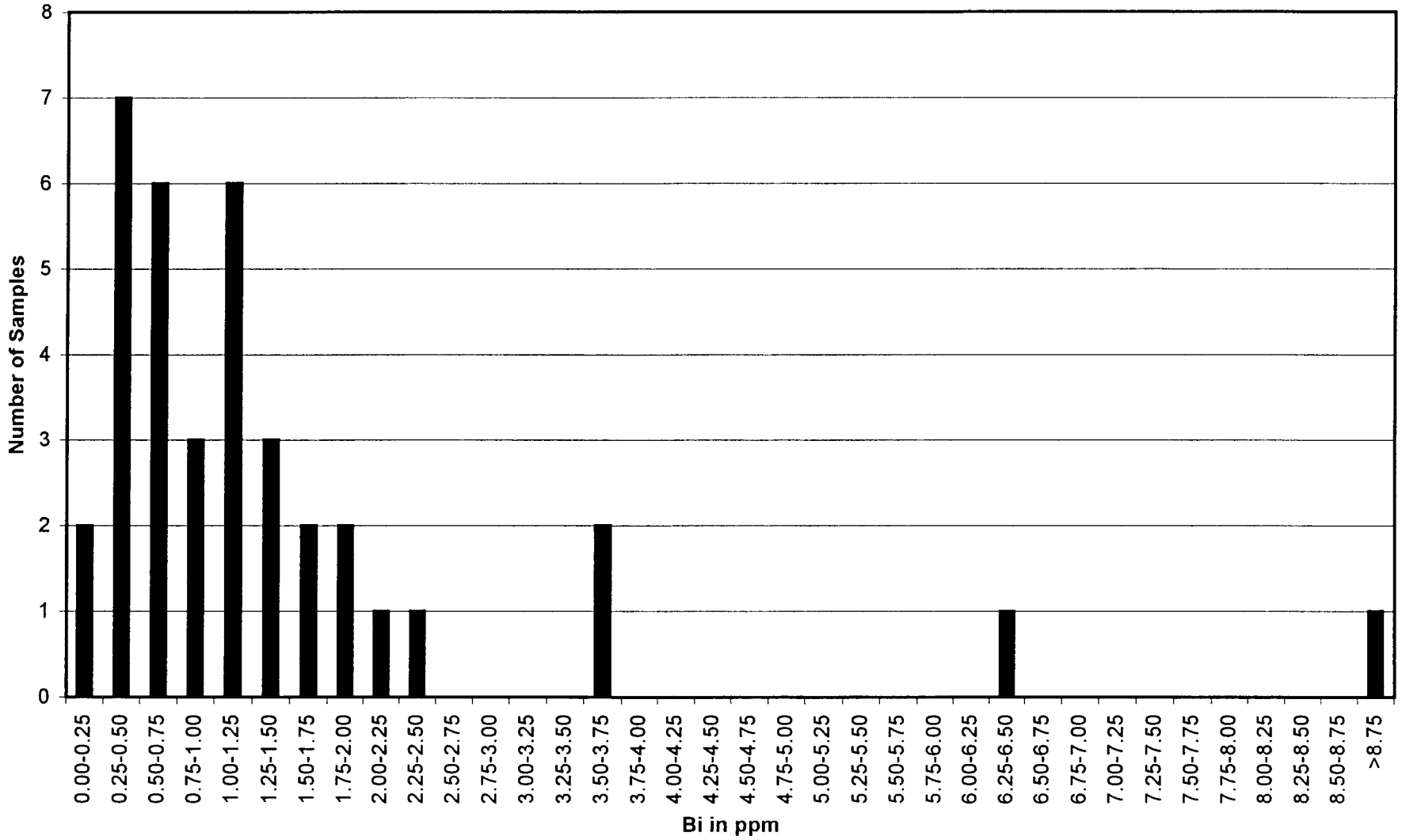
Au in Soils, White River Area



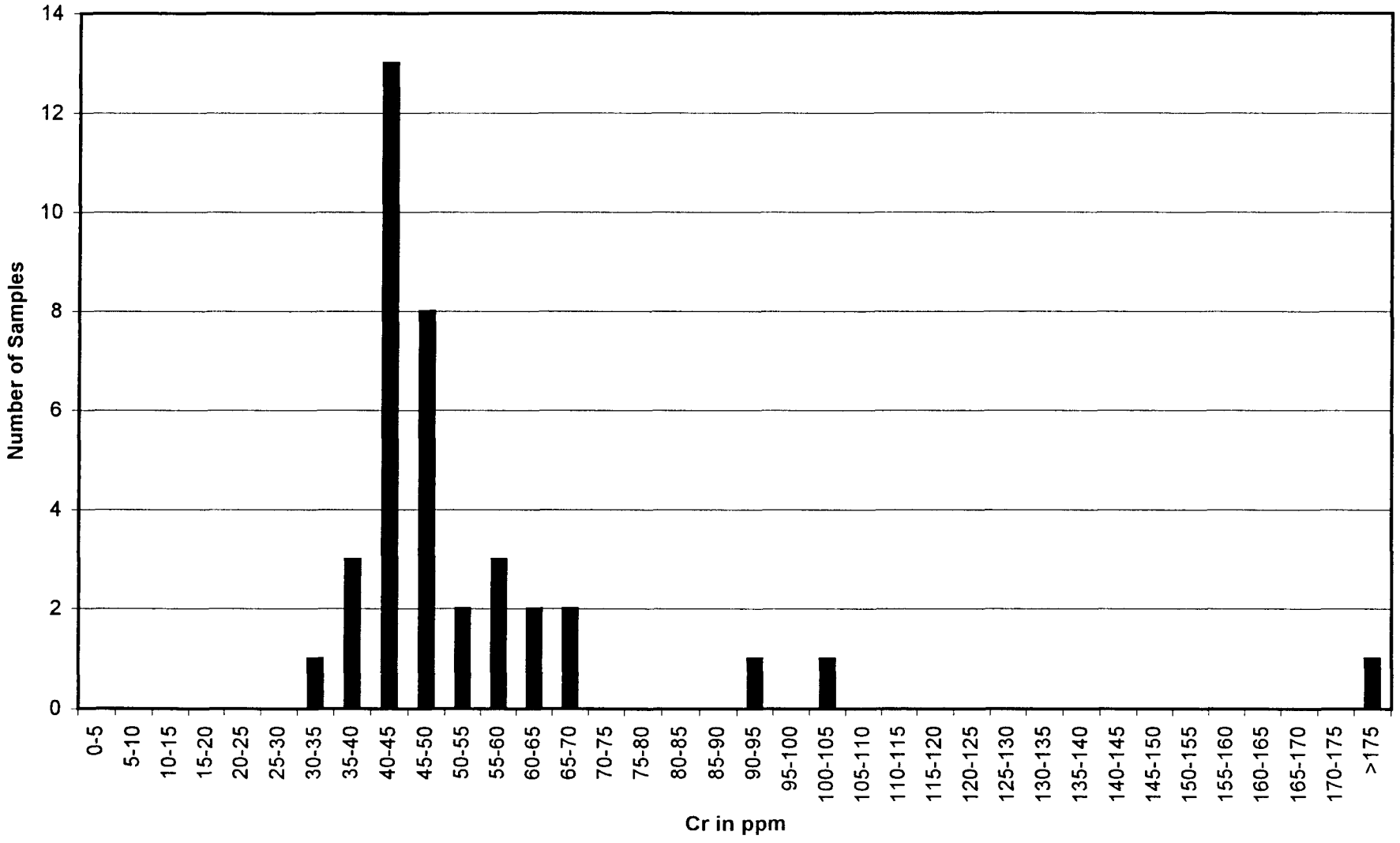
Sb in Soils, White River Area



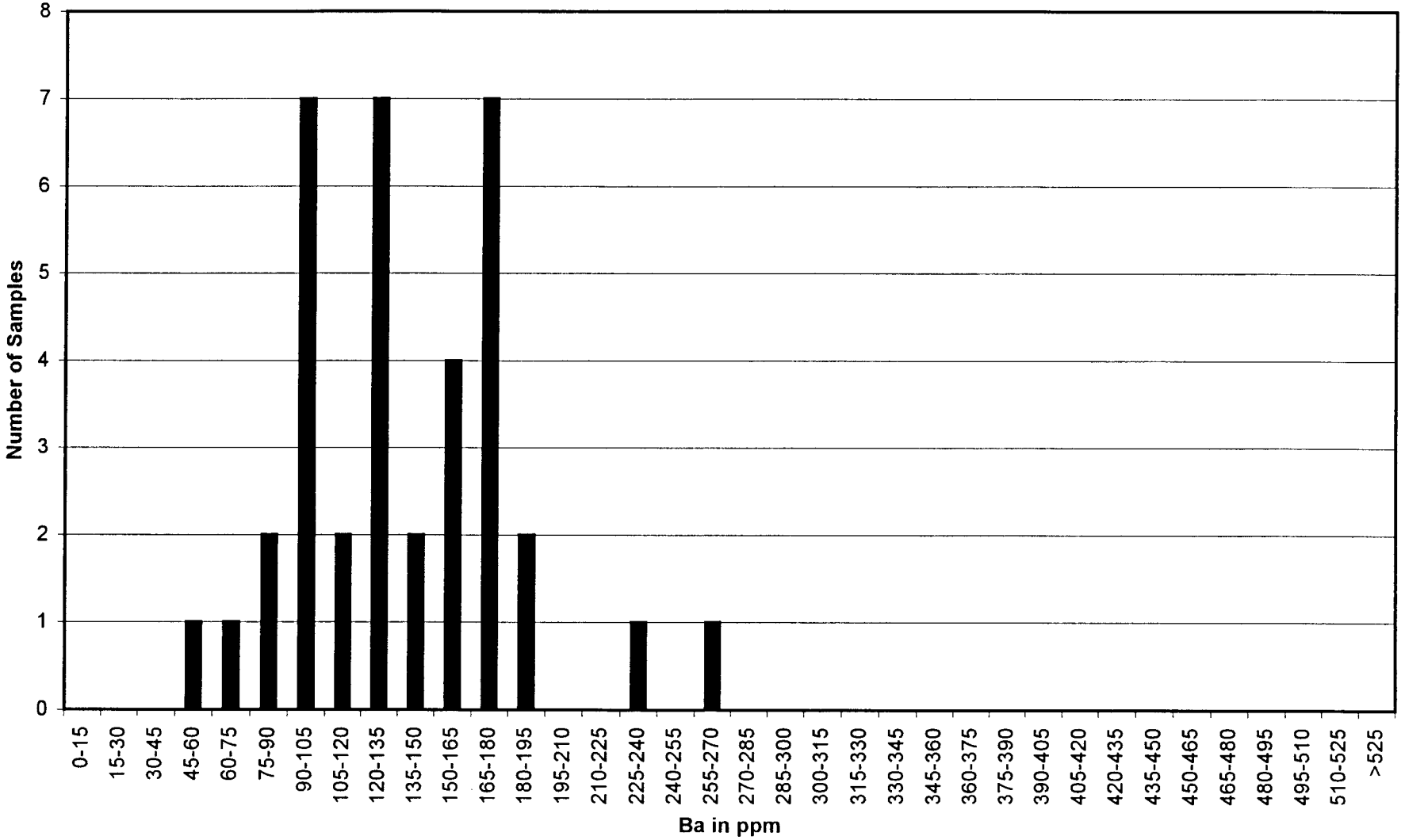
Bi in Soils, White River Area



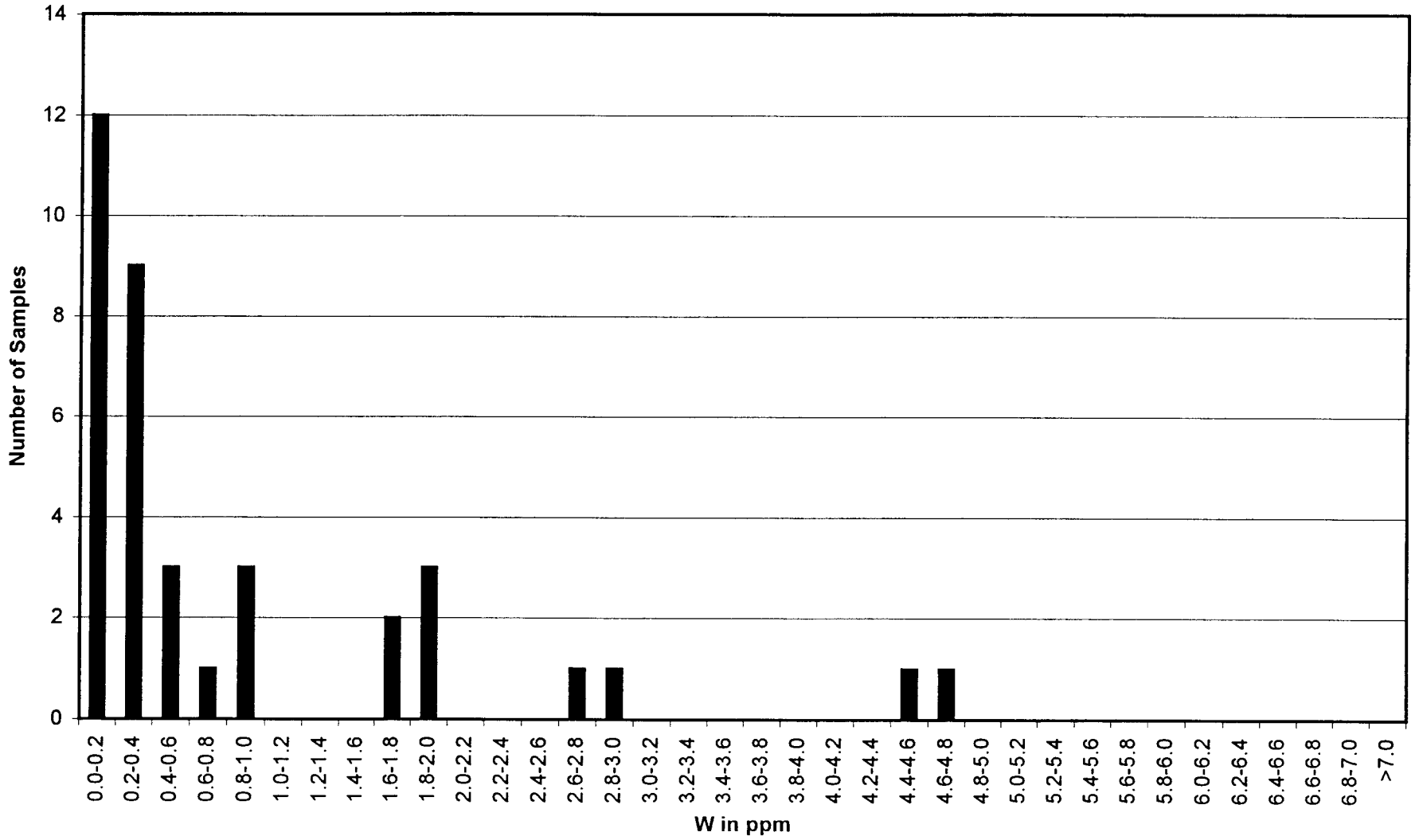
Cr in Soils, White River Area



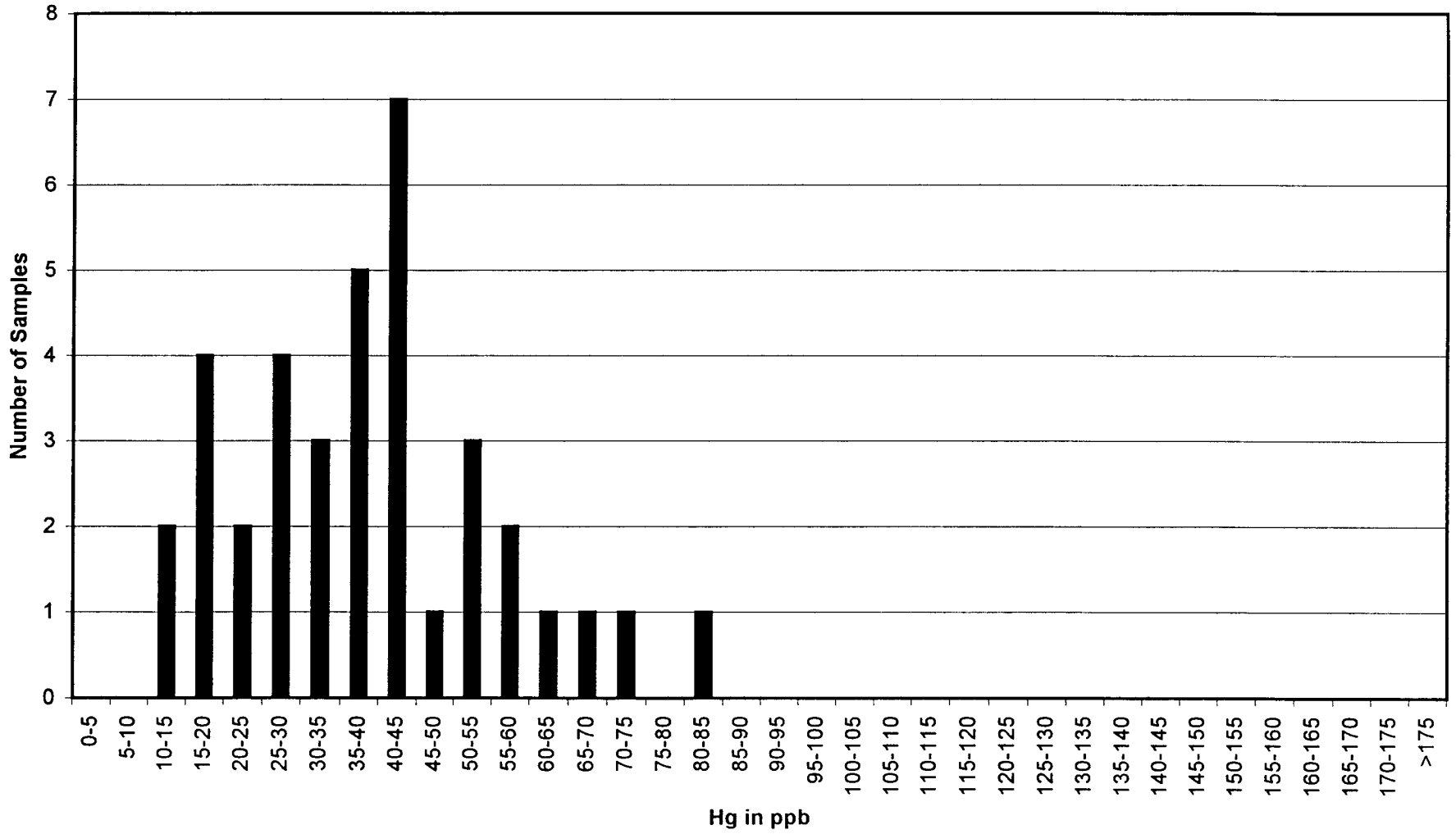
Ba in Soils, White River Area



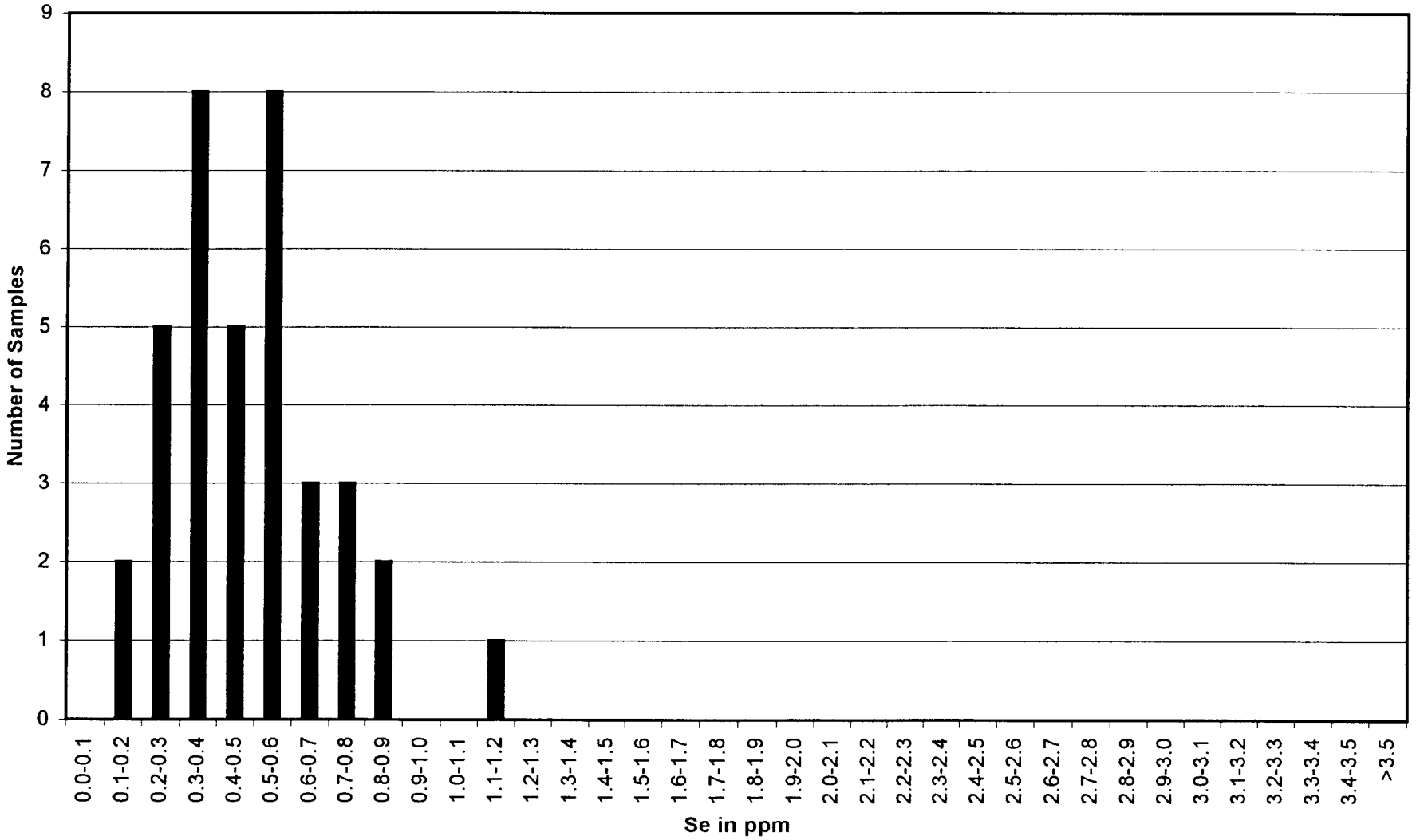
W in Soils, White River Area



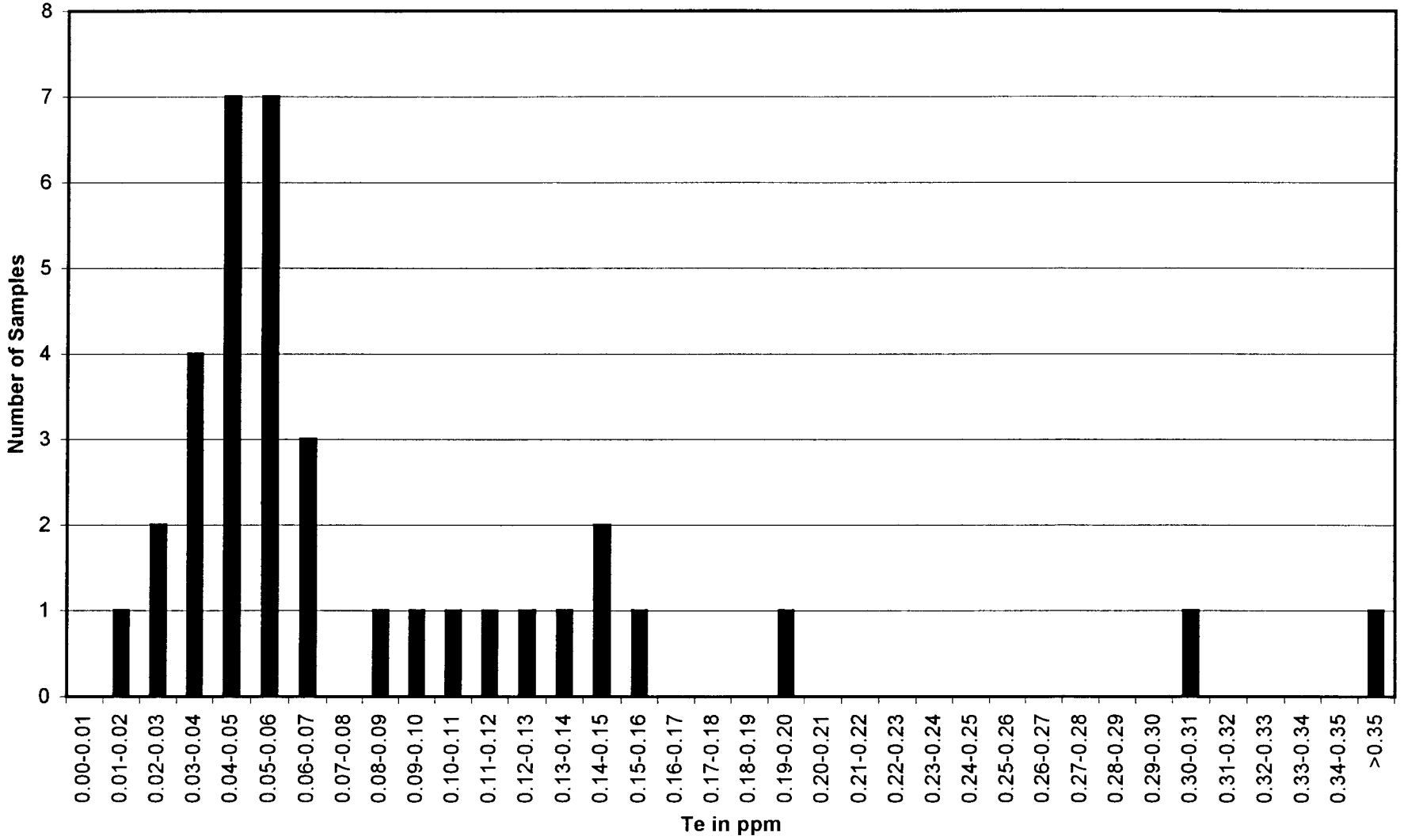
Hg in Soils, White River Area



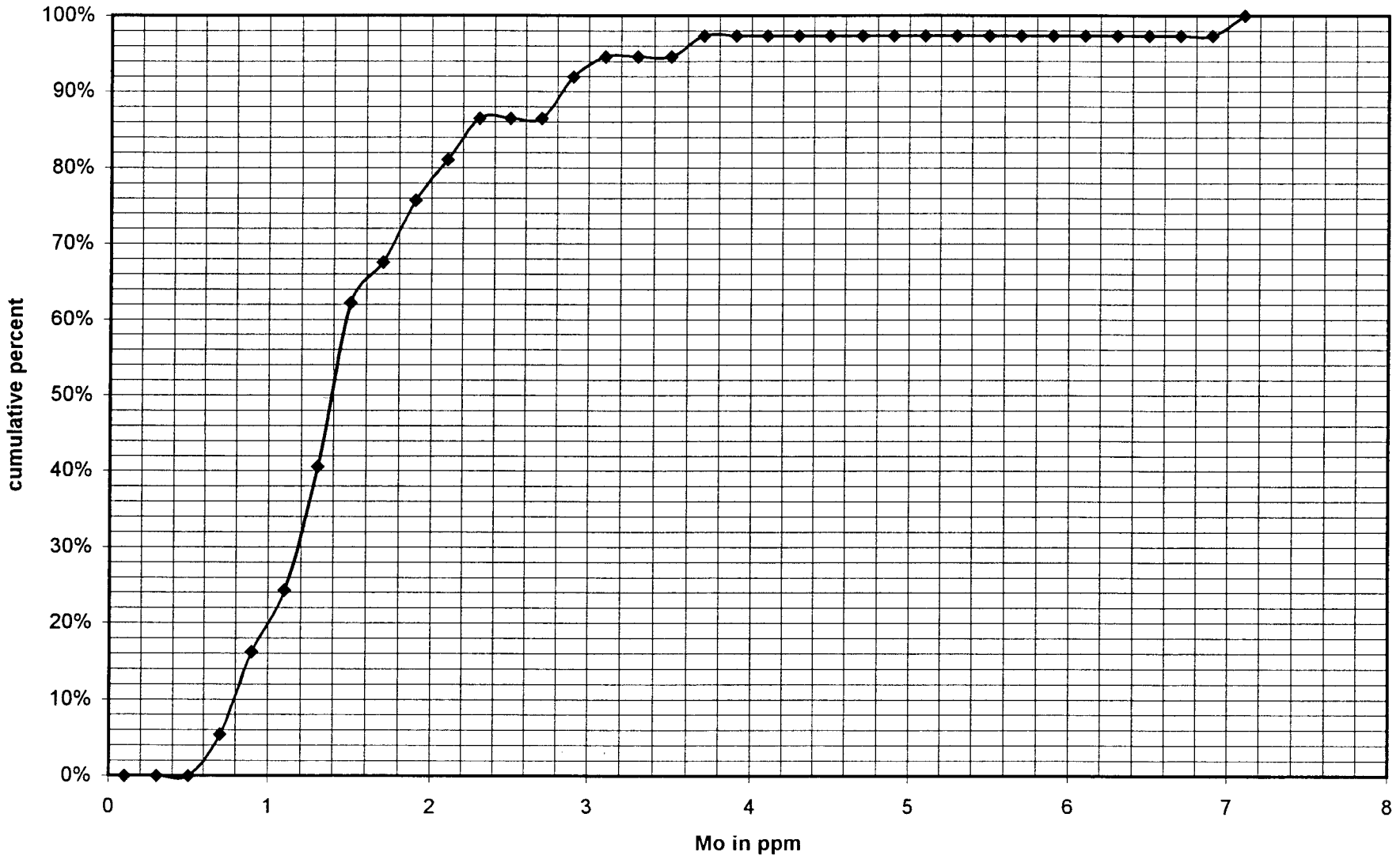
Se in Soils, White River Area



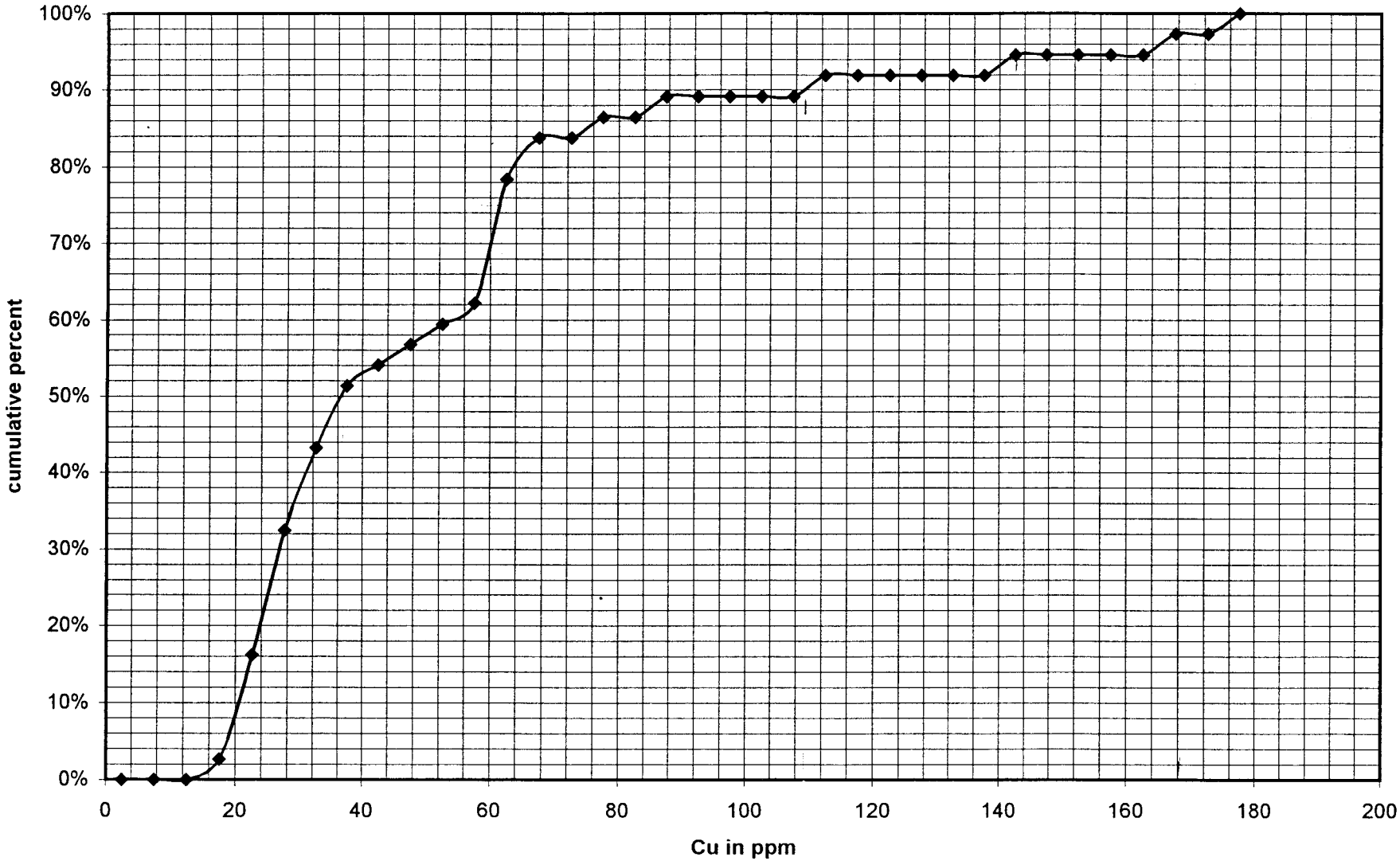
Te in Soils, White River Area



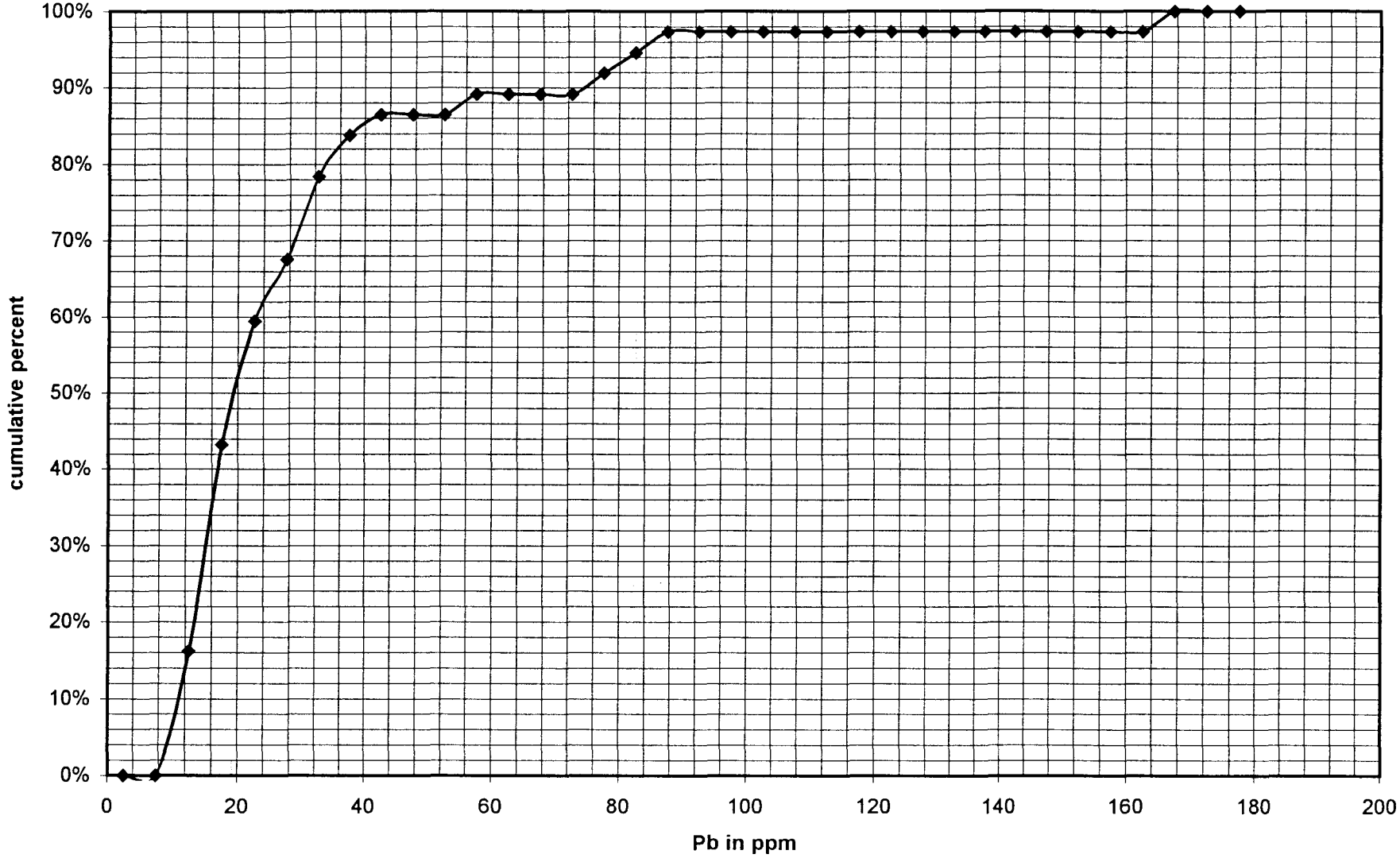
Molybdenum in Soils, White River Area



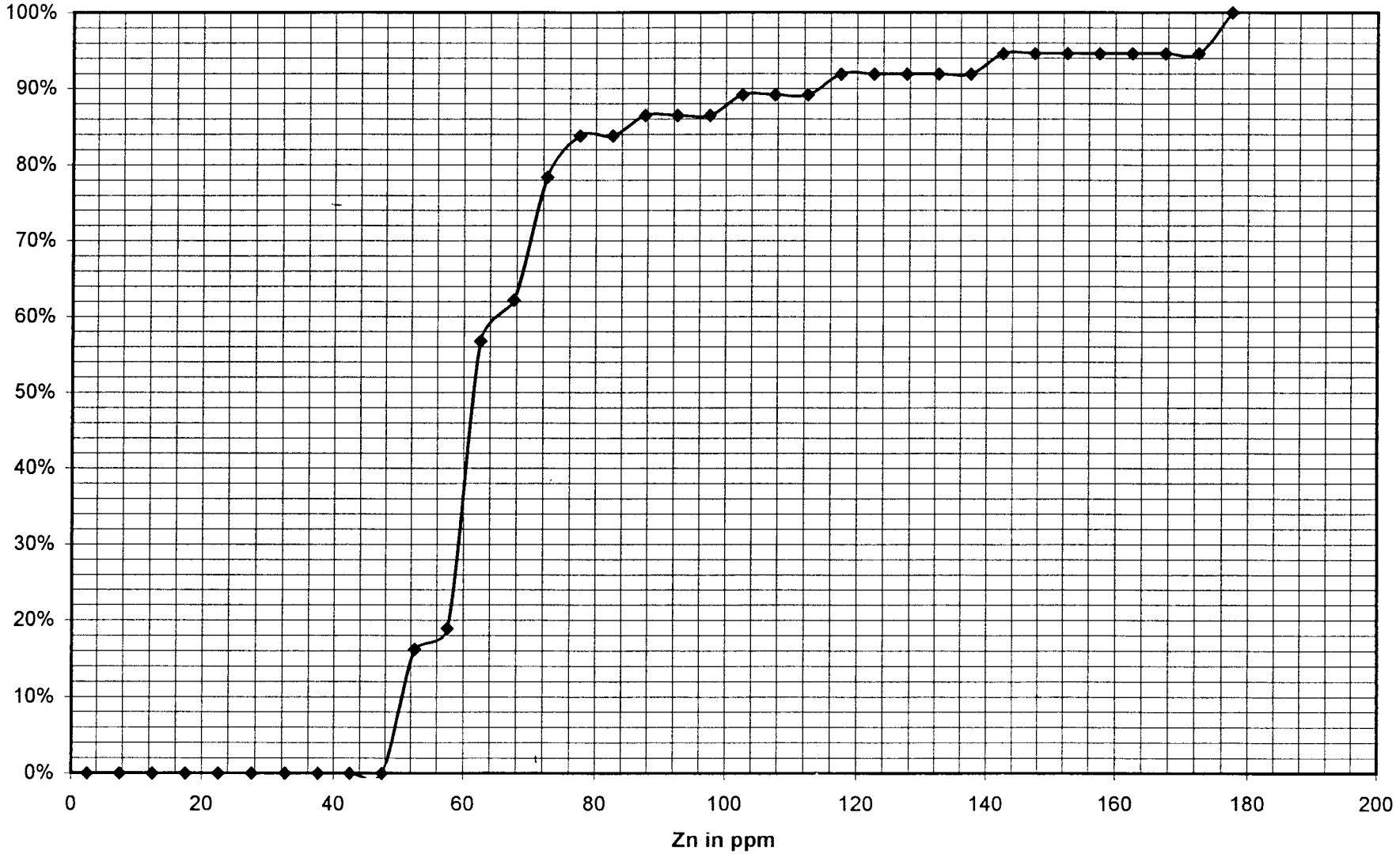
Copper in Soils, White River Area



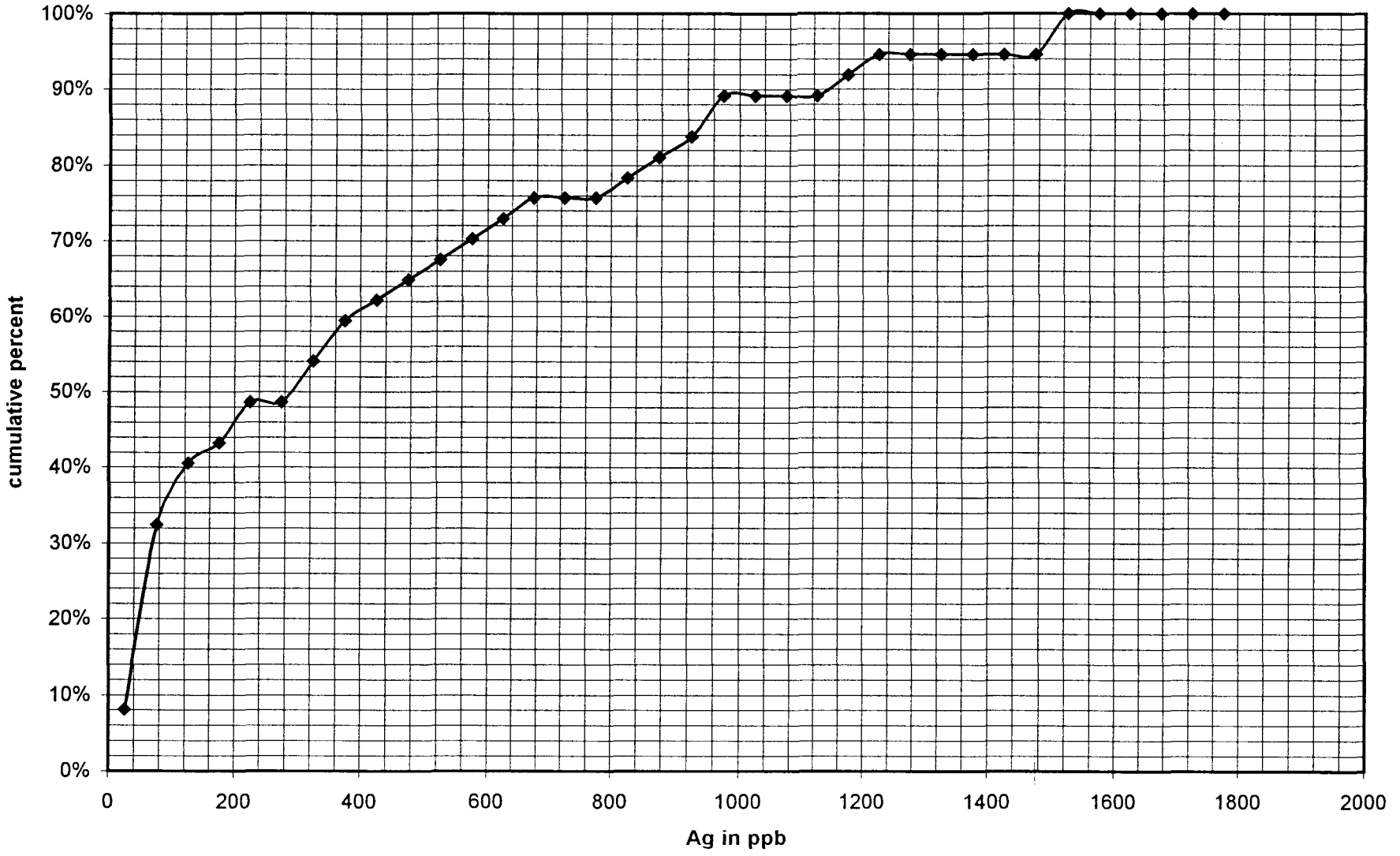
Lead in Soils, White River Area



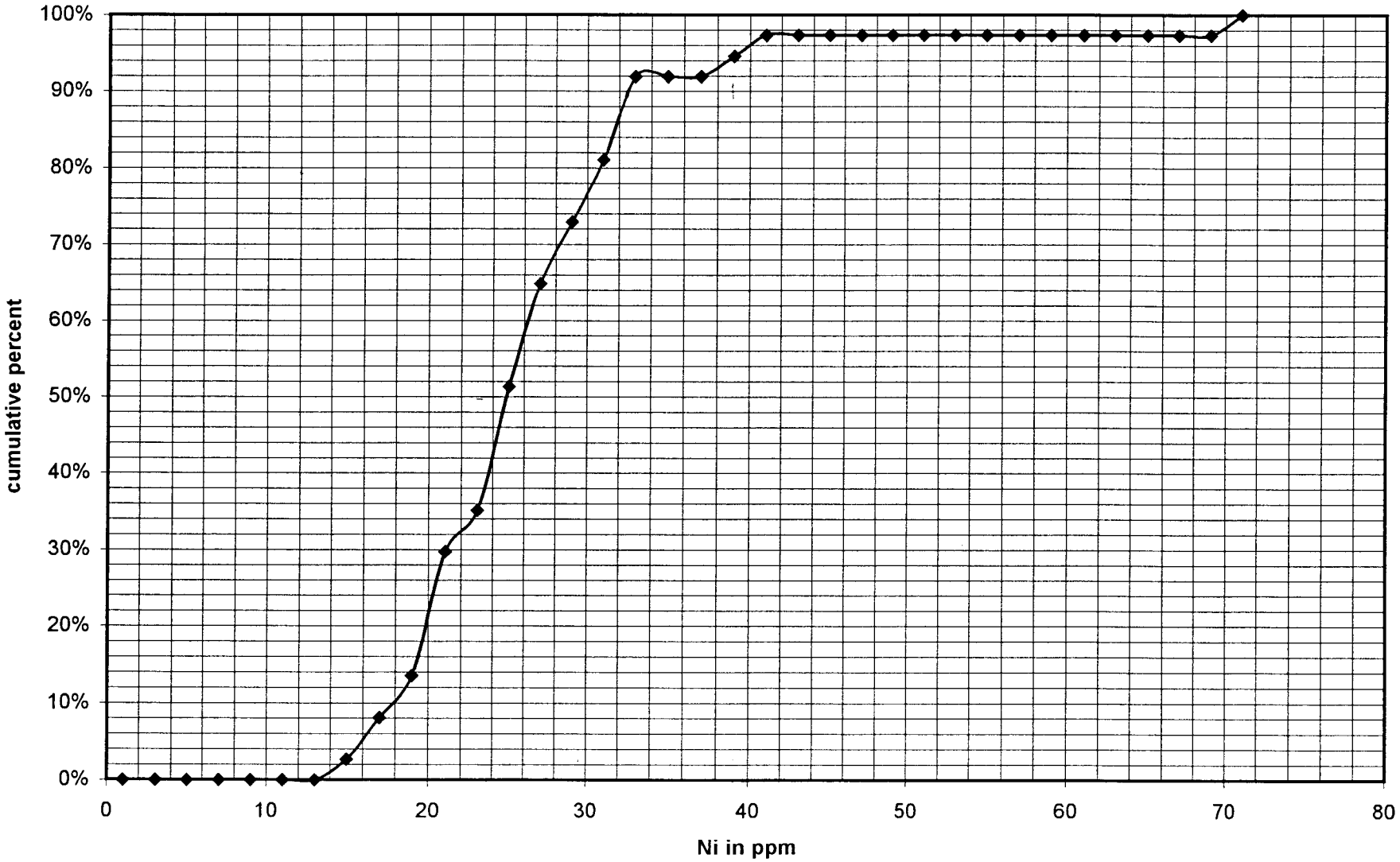
Zn in Soils, White River Area



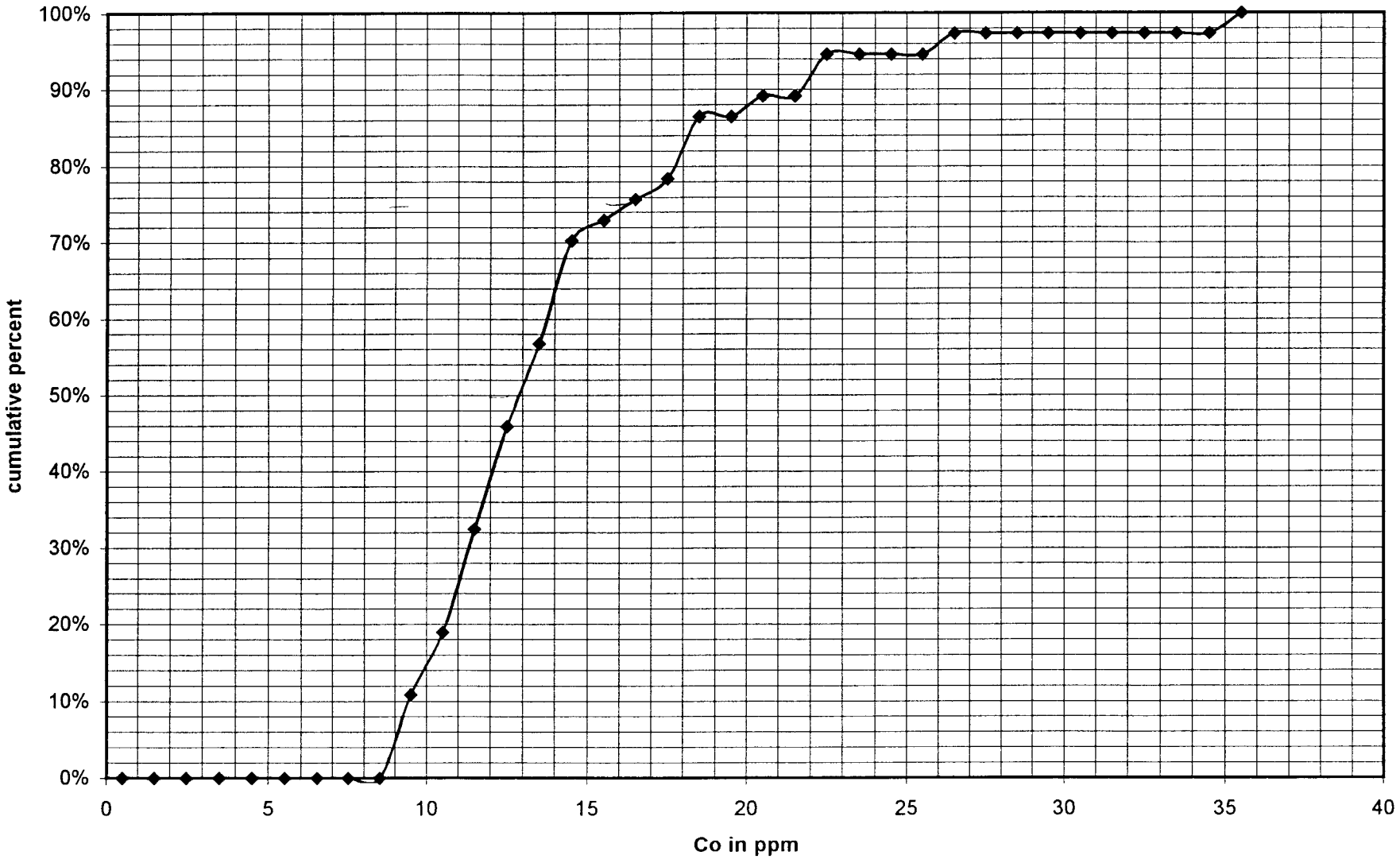
Silver in Soils, White River Area



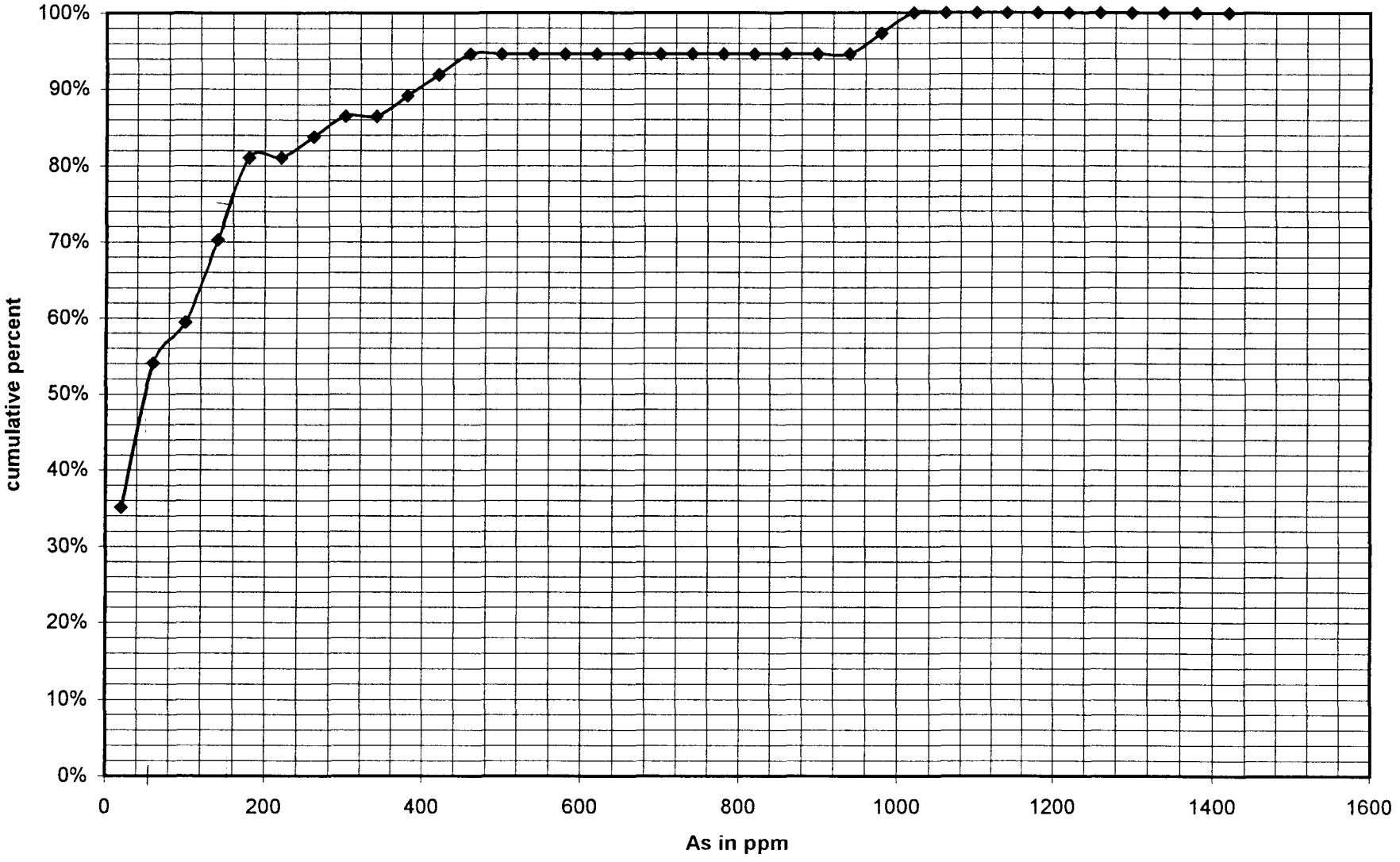
Nickel in Soils, White river Area



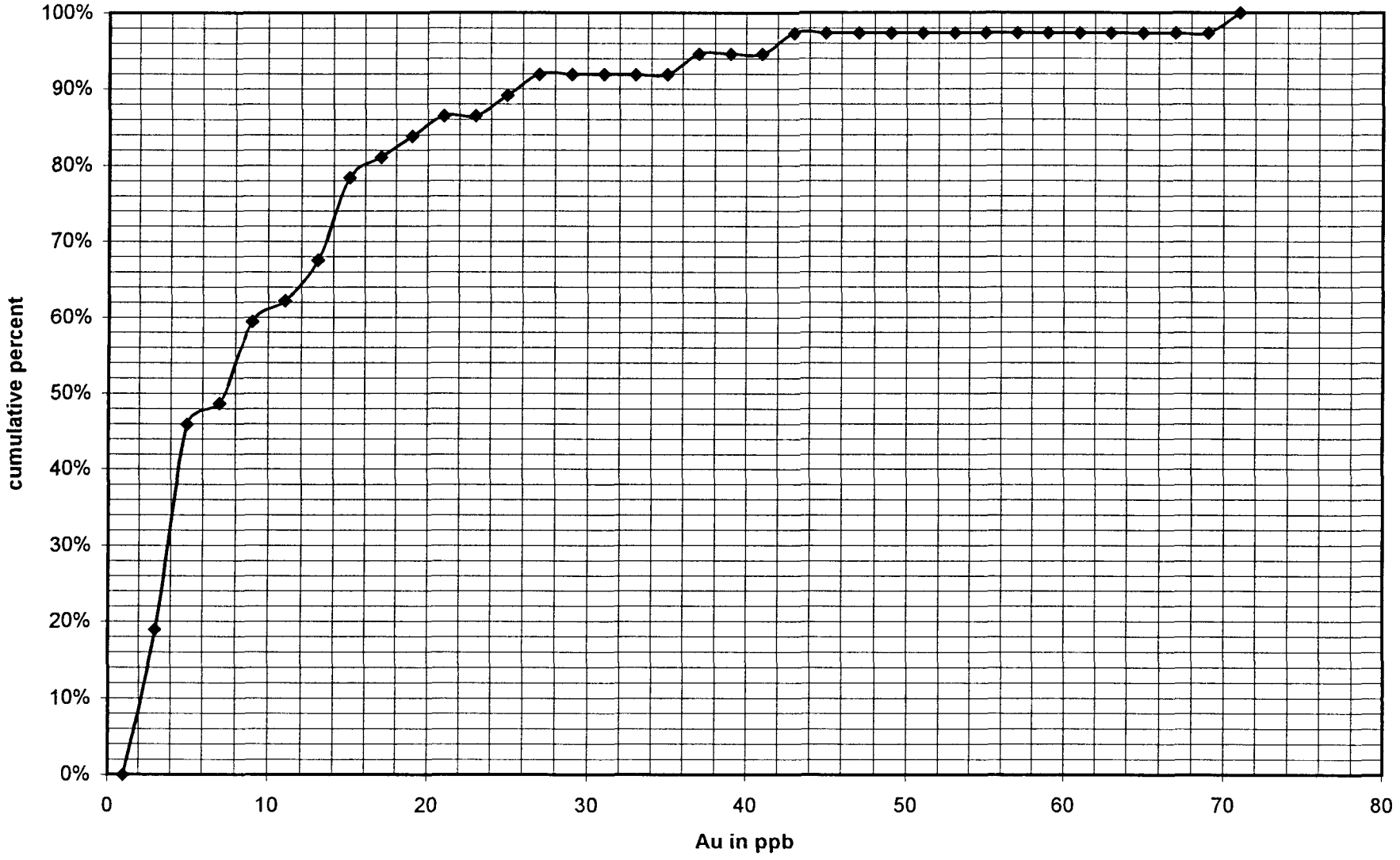
Cobalt in Soils, White River Area



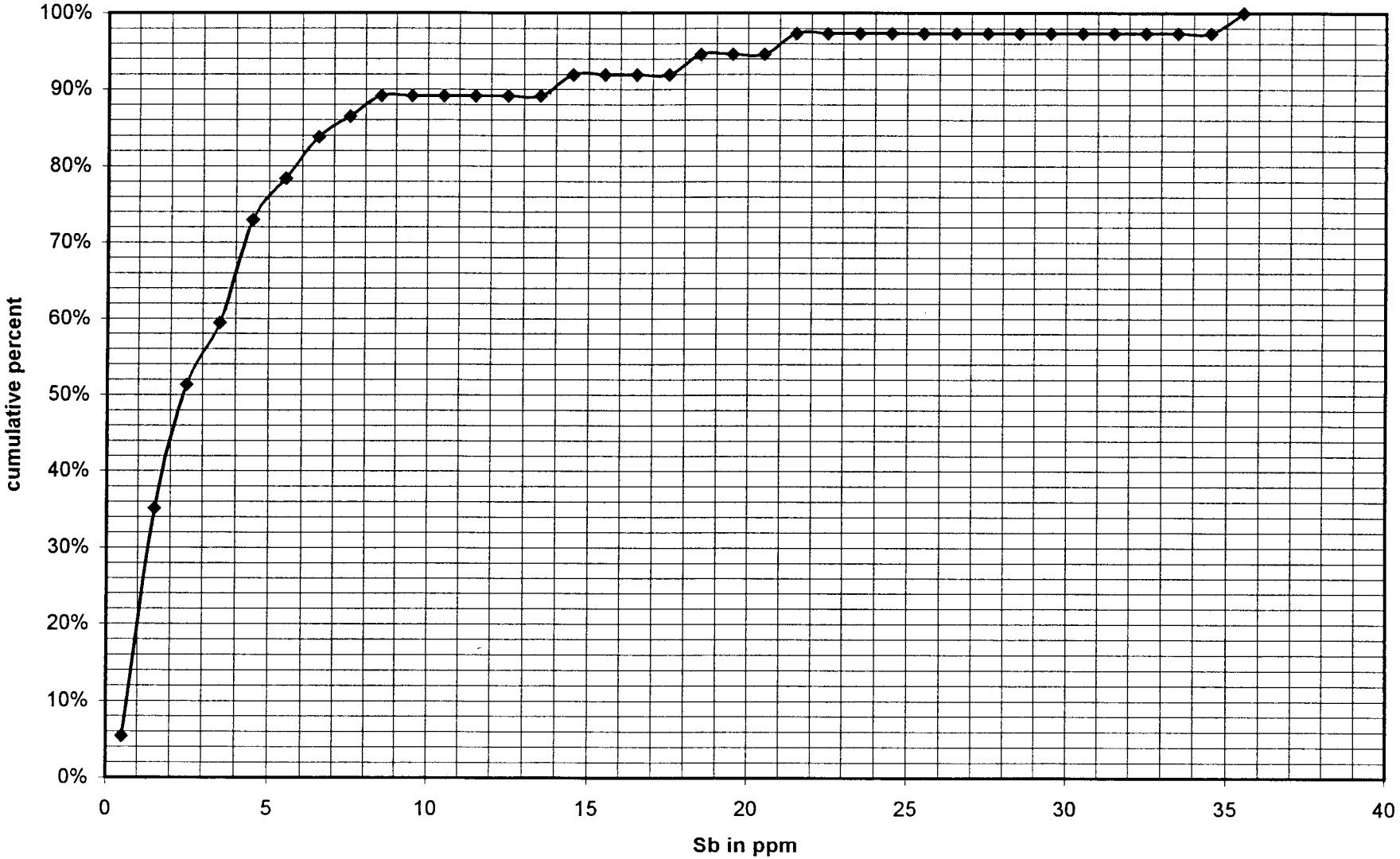
Arsenic in Soils, White River Area



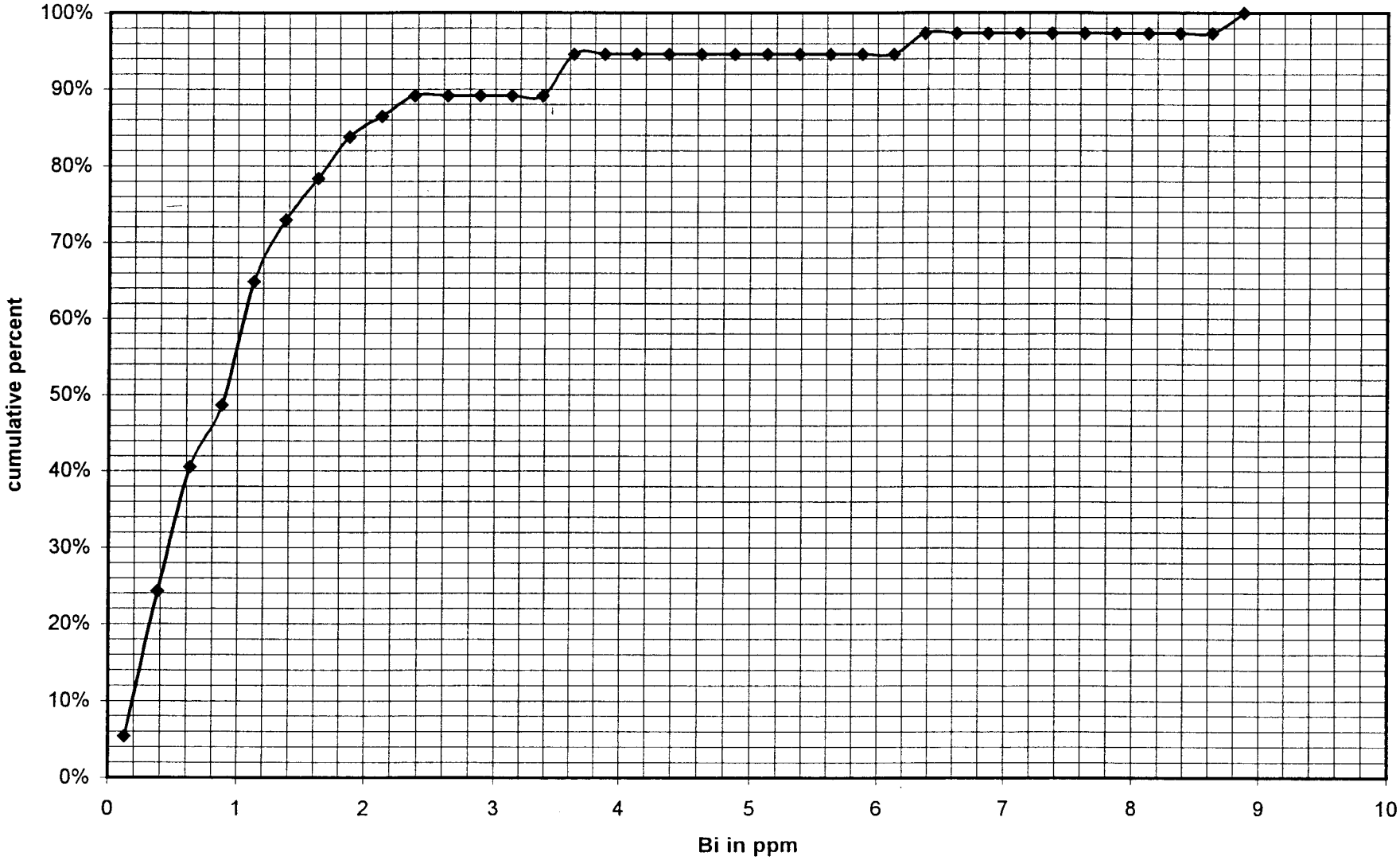
Gold in Soils, White River Area



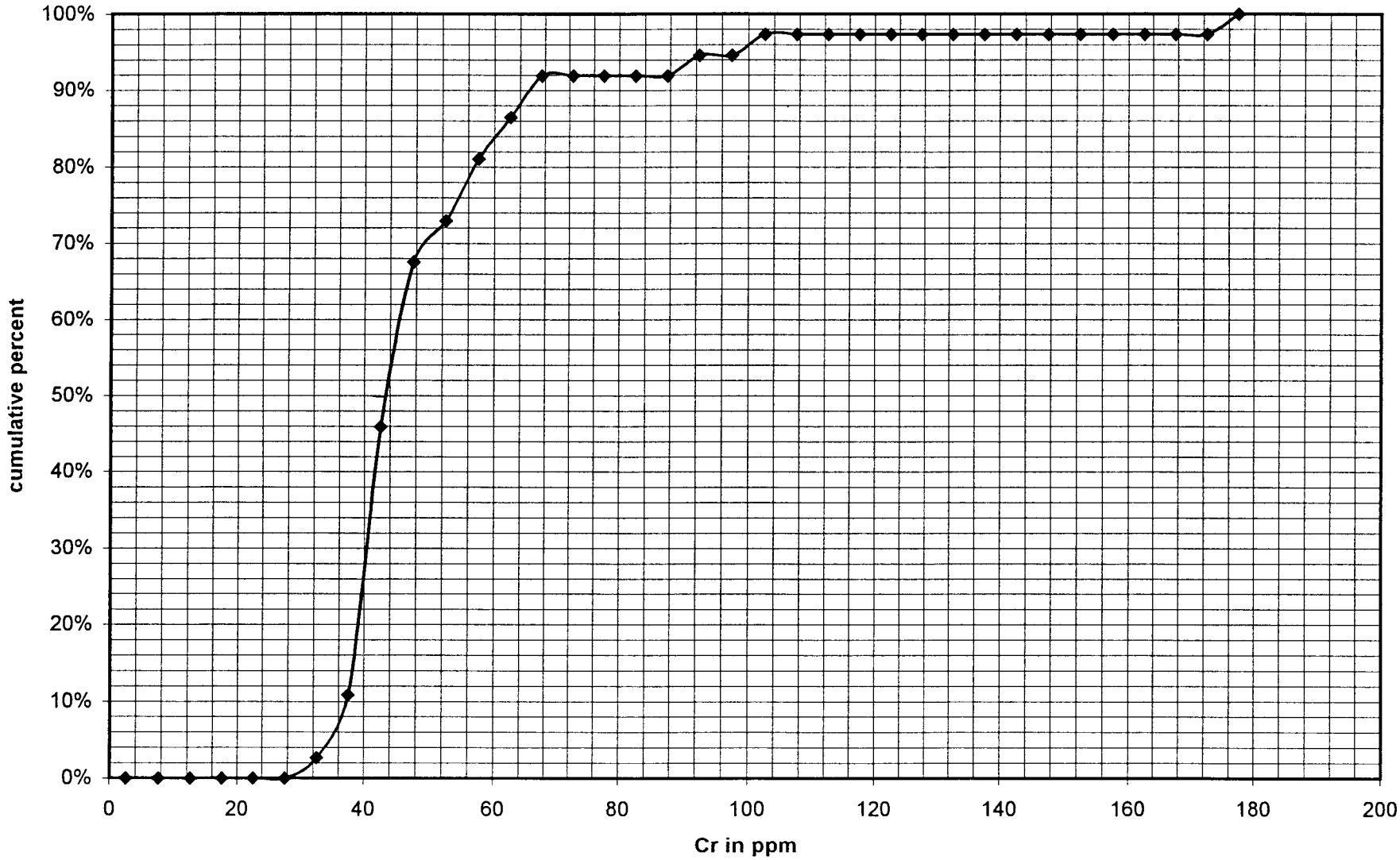
Antimony in Soils, White River Area



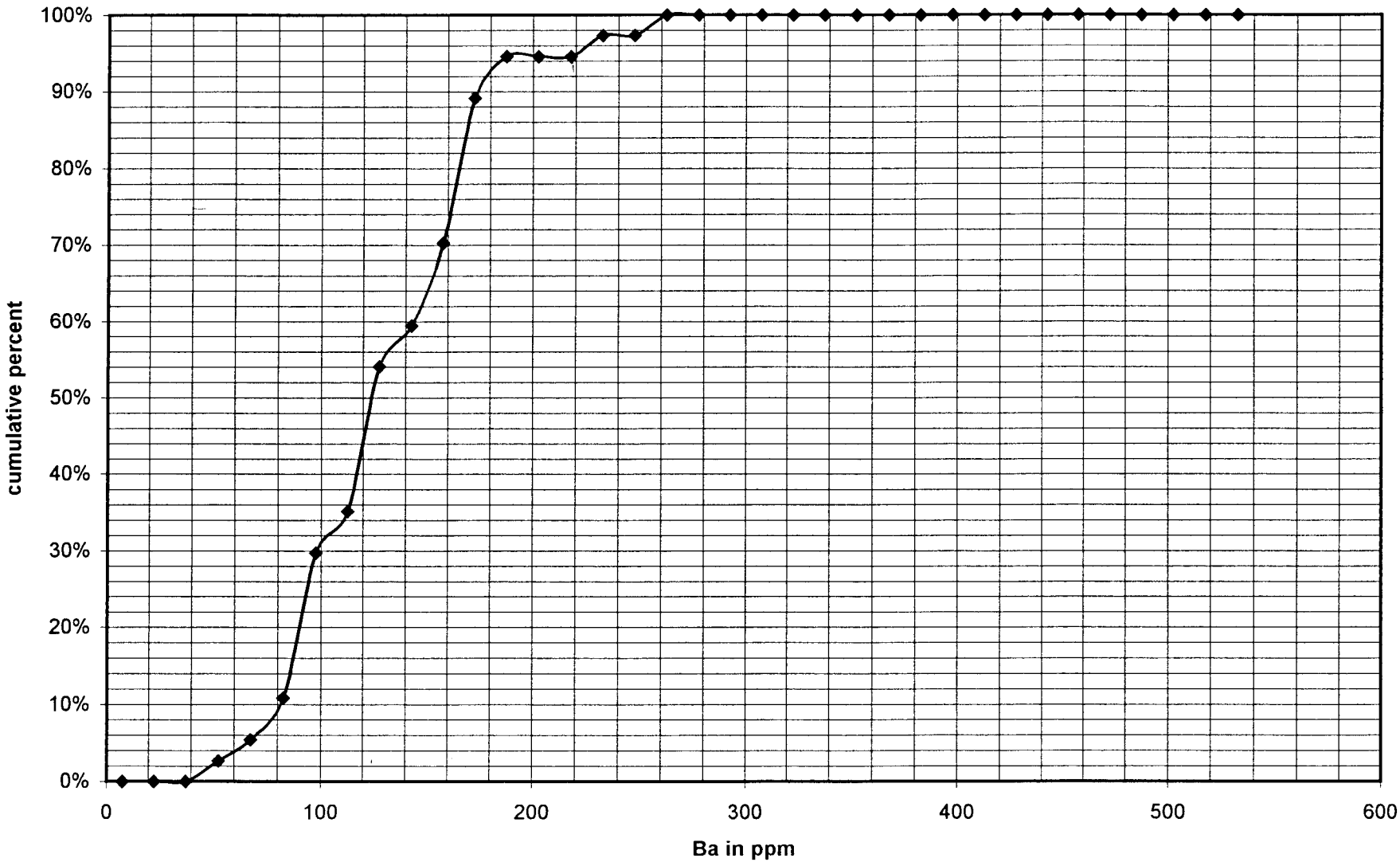
Bismuth in Soils, White River Area



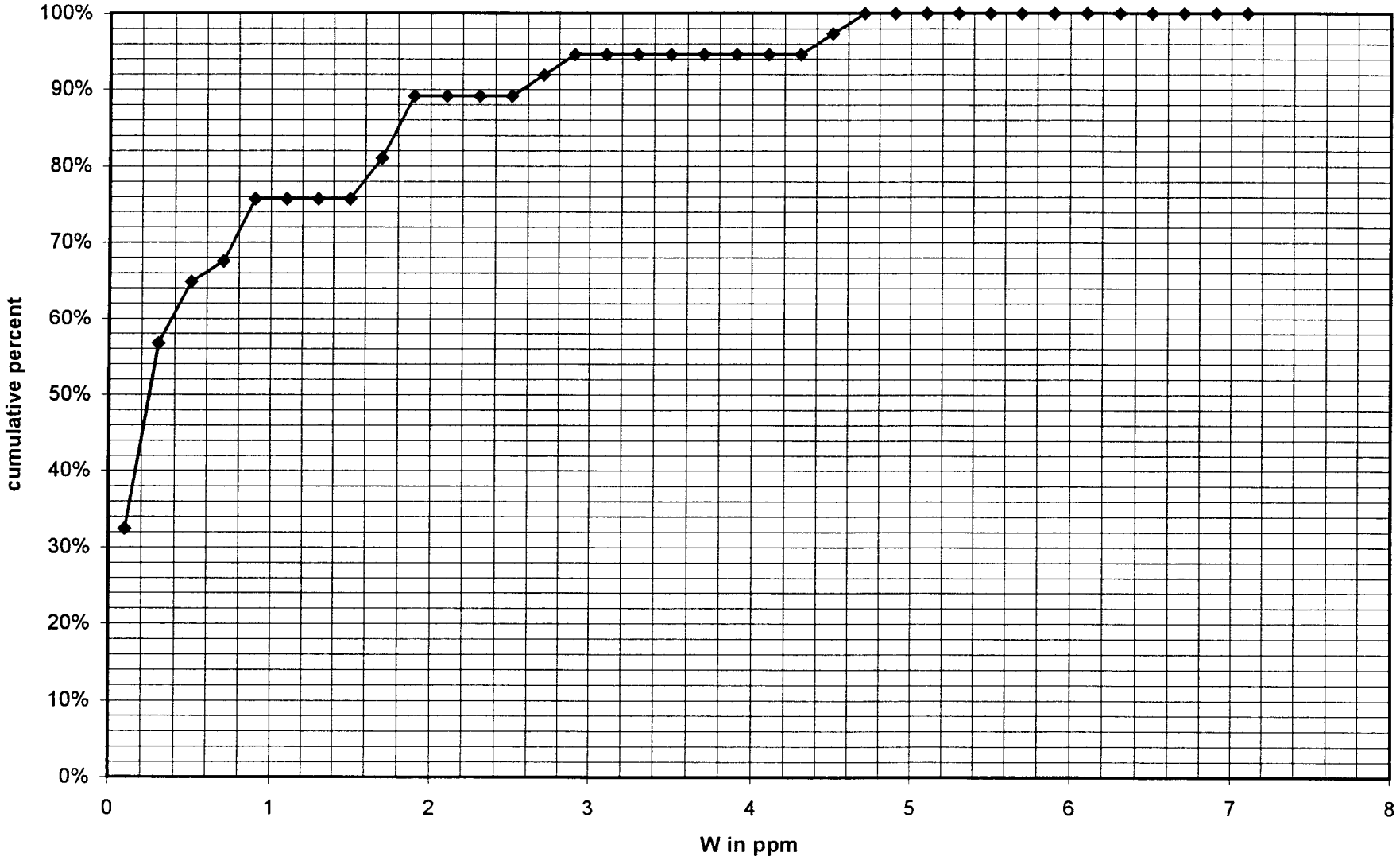
Chromium in Soils, White River Area

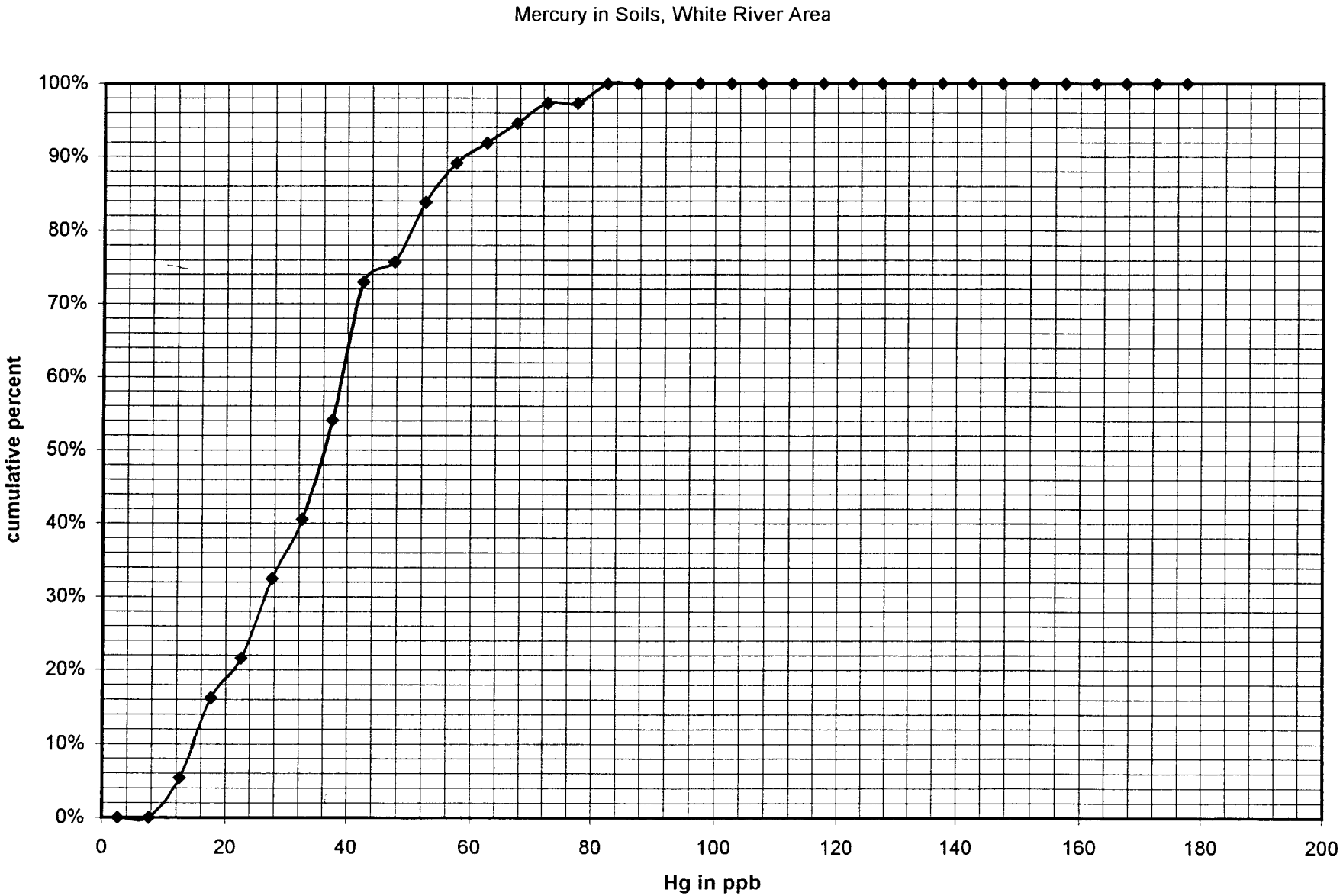


Barium in Soils, White River Area

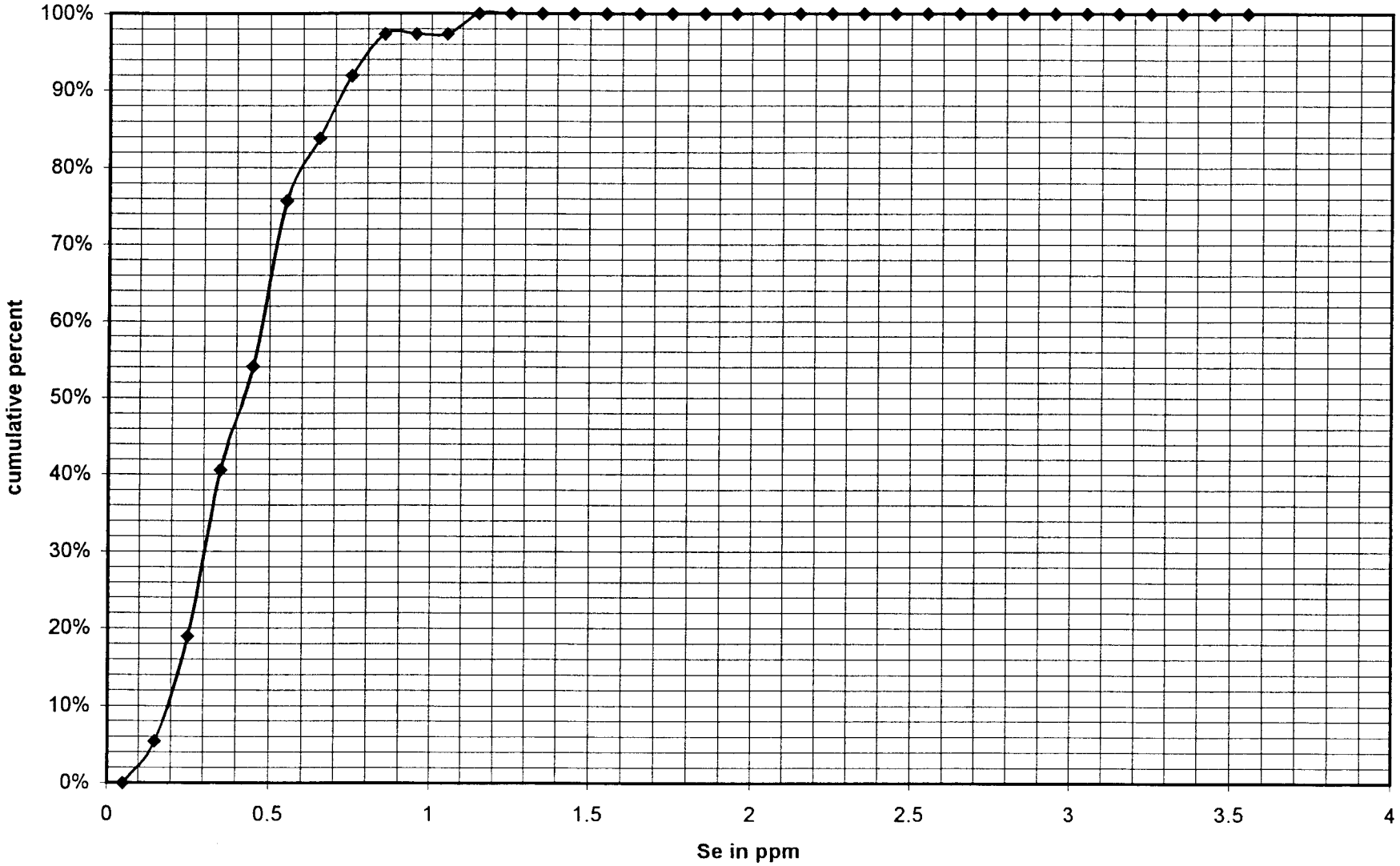


Tungsten in Soils, White River Area

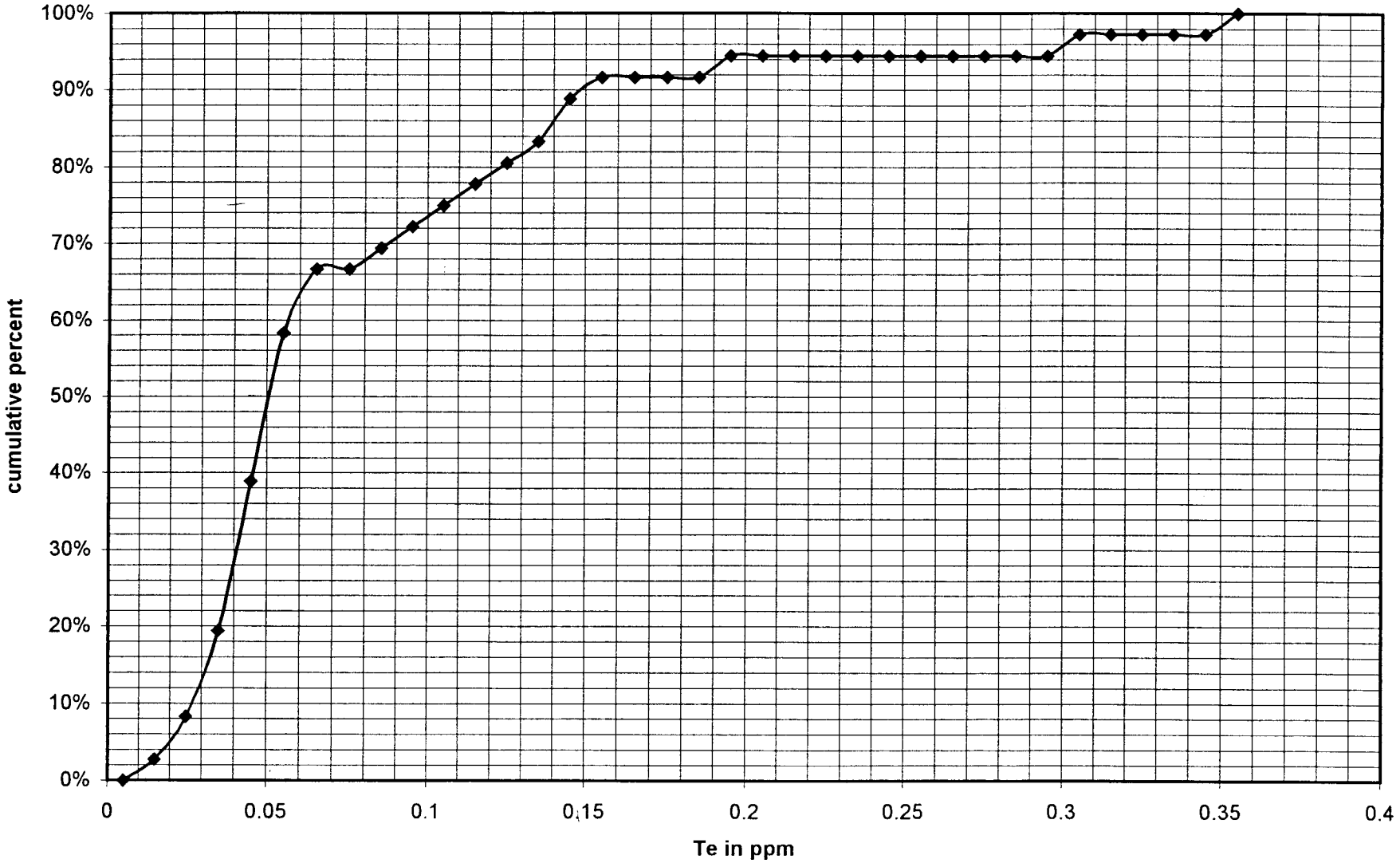



Mercury in Soils, White River Area
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
cumulative percent
0
20
40
60
80
100
120
140
160
180
200
Hg in ppb

Selenium in Soils, White River Area



Tellurium in Soils, White River Area



Appendix C

Certified Geochemical Results

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

Deltango Gold Limited File # 9903421 Page 1

38 Dawson Road, Whitehorse YT Y1A 5T6 Submitted by: Doug Brownlee

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn ppm
3320	2.35	166.46	28.64	73.9	816	18.0	22.5	539	3.49	27.7	5.2	6.0	13.5	53.0	.67	5.61	1.20	88	.51	.069	17.7	41.4	.84	113.3	.185	3	1.96	.027	.16	2.7	.31	23	.4	.06	7.4	<.01	1.97
3321	2.22	89.67	35.96	72.9	917	15.4	12.5	678	3.15	19.4	3.3	8.3	18.5	76.0	.64	4.85	.91	83	.72	.089	23.3	43.4	.83	89.7	.153	2	1.87	.027	.12	3.0	.23	17	.3	.05	7.0	<.01	1.51
3322	2.94	114.50	26.61	62.2	574	25.1	11.8	531	3.80	18.5	3.0	4.1	15.1	228.3	.40	3.83	1.34	118	1.32	.163	33.1	101.9	.88	63.8	.214	2	2.18	.025	.25	1.8	.21	12	.3	.02	10.1	<.01	1.72
3323	1.45	142.19	31.84	52.4	675	17.8	10.3	446	2.53	18.8	3.6	5.9	24.1	236.7	.43	4.34	1.12	72	1.49	.138	33.7	60.2	.72	50.8	.164	1	2.37	.023	.22	1.7	.21	12	.2	.03	9.3	<.01	1.47
3324	1.97	47.55	32.87	78.3	356	30.1	12.7	416	3.21	21.7	2.3	5.4	7.0	38.2	.46	1.95	2.12	88	.51	.078	18.3	47.6	.72	180.7	.140	2	2.23	.028	.07	.4	.16	43	4	<.02	7.1	<.01	.92
3325	2.08	36.80	86.66	188.6	474	24.3	11.8	528	3.00	35.2	4.4	6.9	14.1	66.5	1.23	4.71	.86	78	.52	.062	24.5	48.7	.63	150.9	.116	2	2.49	.028	.06	.6	.10	45	.3	.03	7.1	<.01	1.21
3326	3.77	295.44	80.00	140.9	1514	22.0	18.7	694	3.76	434.5	14.8	37.9	53.1	29.3	2.57	51.27	11.36	75	.50	.106	63.6	36.7	.75	83.4	.113	2	1.71	.022	.16	4.6	.38	35	.4	.06	7.3	<.01	2.84
3327	3.18	65.73	166.56	224.9	1166	28.7	13.0	709	3.34	317.4	8.4	43.2	19.2	52.3	2.75	18.02	1.72	83	.51	.089	23.5	45.4	.77	142.3	.121	2	2.16	.022	.10	1.0	.29	59	.5	.04	6.7	<.01	1.43
3328	7.92	64.70	57.44	115.3	1201	32.7	14.5	602	3.45	128.3	8.6	9.0	18.9	41.6	1.03	21.54	6.38	90	.51	.094	22.4	69.1	.92	156.2	.136	1	2.08	.025	.13	4.7	.24	28	.4	.05	7.3	.01	1.69
3332	2.12	68.15	24.90	73.1	392	20.9	11.9	535	3.04	34.3	2.9	15.9	4.1	32.0	.48	1.25	3.55	98	.42	.058	12.6	33.7	.61	180.3	.172	1	2.01	.025	.11	2.0	.16	37	.4	.04	7.0	.02	1.03
3370	2.95	62.55	35.26	89.8	1530	26.9	13.6	497	3.48	70.7	3.6	8.6	10.4	33.8	.62	8.72	1.82	99	.43	.077	18.6	53.0	.78	166.4	.158	2	2.31	.022	.09	1.9	.29	36	.6	.13	7.9	<.01	1.43
3371	1.32	43.03	23.69	76.4	879	27.1	13.3	475	3.23	84.1	2.3	10.1	5.9	36.9	.37	4.04	1.21	94	.39	.074	13.1	51.3	.79	171.8	.159	2	2.24	.024	.09	1.0	.24	34	.6	.09	6.8	<.01	1.03
3372	1.33	61.29	28.21	74.5	305	22.0	14.4	428	3.89	175.6	1.8	9.8	4.7	52.2	.37	4.66	1.20	124	.54	.132	13.3	60.0	1.14	232.8	.270	1	1.88	.026	.35	.3	.60	17	.6	.11	6.8	.04	1.45
3373	1.35	62.30	17.13	60.6	238	19.7	11.0	388	3.55	165.4	1.4	111.8	3.4	58.9	.30	3.81	1.33	118	.51	.125	12.2	57.9	.94	167.2	.231	3	1.65	.033	.31	.4	.51	19	.9	.15	5.7	.08	.70
3374	1.33	62.67	17.37	59.2	345	20.6	10.7	363	3.53	160.9	1.4	25.8	3.3	55.6	.28	3.72	1.30	114	.49	.118	12.1	57.9	.94	173.1	.229	1	1.74	.033	.28	.6	.48	28	.8	.14	6.0	.08	.70
3375	1.12	59.34	16.70	51.3	524	18.1	9.6	324	3.48	96.5	1.3	17.4	2.3	51.7	.23	2.00	1.18	116	.37	.121	10.1	69.2	.98	172.1	.267	1	1.51	.057	.52	.6	.59	23	1.2	.15	5.9	.30	.45
3376	1.47	51.39	22.52	62.5	979	28.9	15.3	432	3.61	447.8	2.0	15.0	2.0	46.4	.30	5.04	3.67	118	.35	.072	14.4	45.2	.81	162.7	.157	2	2.39	.033	.13	.7	.53	56	.4	.45	7.7	.05	1.33
3377	1.76	76.52	23.23	72.6	603	33.6	18.6	422	4.30	979.3	2.5	26.8	3.2	74.1	.40	14.20	2.43	130	.46	.096	12.3	90.2	.83	175.8	.189	2	2.08	.053	.33	1.0	.71	83	.8	.31	6.9	.19	.91
3378	1.39	19.08	19.62	66.2	84	32.2	20.3	423	3.59	59.6	.7	4.5	3.0	30.0	.14	1.91	.55	108	.27	.036	8.3	42.4	.85	120.5	.177	2	3.14	.031	.10	.3	.40	37	.7	.06	7.7	.02	.79
3379	.81	20.01	84.95	52.9	446	25.6	11.1	282	2.90	55.8	.6	3.4	1.2	32.9	.18	2.02	.30	81	.29	.048	9.1	40.5	.66	122.2	.110	1	2.31	.019	.05	.2	.19	36	.6	.05	6.7	.01	.76
3400	1.46	33.56	34.34	66.0	94	24.9	12.6	387	3.08	135.1	1.2	5.1	2.6	14.6	.24	6.18	.67	79	.20	.036	11.3	39.6	.81	96.8	.124	2	2.46	.016	.13	.2	.29	41	.7	.05	7.1	.02	.83
RE 3400	1.60	35.14	34.53	64.6	96	23.6	12.9	416	3.22	145.2	1.2	4.1	2.4	15.4	.30	6.53	.71	81	.21	.041	12.4	40.1	.83	102.5	.146	2	2.62	.016	.13	.2	.31	44	.8	.06	7.1	<.01	.85
3401	1.89	63.94	40.16	105.0	951	84.1	43.5	1346	5.12	1012.8	2.8	20.8	8.2	43.5	.44	7.88	1.85	151	.43	.057	16.9	220.8	2.30	270.0	.275	2	3.09	.023	.91	1.9	1.47	16	.5	.20	11.0	.04	.80
3402	1.33	32.93	16.99	73.1	70	38.8	17.9	583	3.42	166.5	1.3	6.0	2.3	24.3	.26	2.63	.77	92	.24	.057	10.7	41.5	.75	125.0	.111	1	2.46	.020	.08	.2	.25	44	.9	.16	6.5	.03	.67
3403	1.08	25.08	20.44	60.2	85	26.9	18.5	397	3.25	240.1	.8	14.5	2.0	45.7	.26	2.35	.67	105	.24	.041	10.3	43.1	.74	95.5	.164	2	2.40	.025	.07	.3	.20	41	.6	.12	6.7	.02	.56
3404	1.56	26.47	17.99	61.7	39	32.4	22.9	571	3.22	47.2	.8	4.9	2.2	30.7	.19	1.43	.31	95	.24	.047	9.8	41.8	.78	108.7	.164	2	2.41	.026	.09	.2	.28	39	.6	.07	6.2	.02	.57
3405	1.85	23.71	10.93	60.9	39	40.6	26.5	385	3.36	365.2	.7	19.1	2.9	36.4	.21	2.07	.32	108	.27	.039	10.0	46.8	.77	90.4	.163	1	2.33	.027	.07	.4	.29	51	.7	.06	6.2	.02	.57
3406	1.20	25.25	12.53	54.7	51	26.5	14.8	404	2.94	159.4	.6	2.7	1.3	35.3	.11	2.09	.35	85	.24	.043	7.7	45.0	.68	101.1	.114	2	2.41	.020	.06	.2	.20	63	.6	.06	6.6	.03	.64
3407	1.71	22.84	11.43	54.9	61	21.2	9.7	428	3.17	18.1	.6	2.7	.7	17.2	.23	1.30	.38	101	.18	.053	7.6	40.3	.52	93.4	.116	1	2.27	.015	.06	.2	.16	73	.6	.07	8.6	.05	.63
3408	.81	25.12	19.29	60.4	38	31.4	16.5	655	3.18	63.2	.8	12.2	2.9	24.1	.24	1.46	1.69	96	.28	.041	10.8	46.9	.78	128.3	.164	2	2.88	.027	.08	.3	.22	45	.5	.04	6.9	.01	.73
3409	.97	35.98	13.14	64.8	111	29.5	13.6	521	3.24	64.6	1.0	3.9	2.2	32.2	.10	1.94	.42	90	.33	.049	16.9	43.9	.84	173.3	.135	2	2.49	.033	.07	.2	.24	68	5	.07	6.7	.02	.68
3411	1.44	33.95	20.38	63.6	136	30.7	14.6	494	3.39	56.4	1.2	13.0	4.1	24.6	.33	2.96	1.07	94	.23	.029	9.2	48.3	.79	124.2	.162	1	2.92	.021	.07	.4	.13	29	.4	.04	7.4	.01	.70
3412	.89	25.01	17.93	64.6	235	27.2	14.2	336	2.89	18.7	1.5	15.5	3.3	35.2	.38	1.96	.70	79	.44	.060	13.8	41.3	.69	158.8	.135	2	2.09	.030	.05	.3	.12	52	.5	.06	5.9	.01	.64
3414	.70	29.30	15.44	53.4	122	24.6	11.8	234	2.95	15.9	1.2	4.4	2.9	37.9	.17	1.65	.61	85	.44	.054	12.5	46.4	.72	136.4	.144	2	2.27	.033	.06	.2	.14	35	.4	.10	6.6	.01	.71
STANDARD DS2	13.51	130.33	31.72	164.9	278	37.5	13.2	835	3.21	63.4	21.4	205.6	3.5	30.3	11.66	10.31	11.35	82	.55	.082	16.2	173.0	.60	143.8	.115	3	1.78	.041	.16	7.4	1.88	256	2.6	1.81	6.3	.01	26.17

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 1999 **DATE REPORT MAILED:** Sept 25/99 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn %
3415	.73	30.53	19.44	61.5	159	25.1	13.3	321	3.58	21.3	.5	4.0	2.8	82.1	.25	1.62	.41	112	.82	.095	12.5	64.1	.84	90.7	.165	2	2.06	.047	.21	<.2	.28	27	.3	.05	6.5	<.01	.69
3416	1.51	21.93	11.23	63.4	95	22.8	9.9	399	3.26	13.4	.6	3.1	.3	25.9	.37	.77	.22	98	.24	.047	8.7	42.1	.50	133.6	.099	1	2.08	.016	.05	<.2	.13	52	.3	.05	7.7	.03	.74
3 RE 3416	1.50	21.49	10.73	62.1	97	22.0	9.8	392	3.16	12.9	.6	3.3	.3	24.2	.37	.73	.20	95	.23	.046	8.2	38.9	.48	129.9	.090	1	2.01	.015	.04	<.2	.11	50	.2	.05	7.3	.03	.71
STANDARD DS2	14.59	131.03	31.99	167.3	270	37.3	12.5	842	3.20	63.4	21.0	201.1	3.5	31.2	11.57	9.79	10.94	83	.56	.083	18.5	175.9	.62	146.7	.116	2	1.79	.035	.17	7.6	1.89	249	2.5	1.89	6.1	.02	25.76

Sample type: SOIL.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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

Deltango Gold Limited File # 9903422 Page 1

38 Dawson Road, Whitehorse YT Y1A 5T6 Submitted by: Doug Brownlee

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn ppm
1123	1.71	37.01	45.85	85.9	361	27.3	18.8	888	2.68	118.9	2.2	5.9	1.7	111.0	1.03	3.86	1.07	75	.89	.089	14.0	49.9	.68	145.8	.084	3	1.94	.033	.09	.4	.24	73	1.0	.08	6.1	.06	.95
1125	1.51	40.46	31.04	94.7	315	29.2	21.2	1222	2.83	202.7	2.4	6.9	1.5	76.5	.94	4.42	.94	79	1.13	.086	12.9	50.4	.82	171.5	.078	3	2.03	.032	.08	.2	.23	80	1.0	.07	5.9	.09	.80
1127	.51	18.96	8.00	58.4	57	24.9	14.3	497	2.64	23.4	1.4	6.3	2.7	41.6	.19	.90	.24	65	.68	.074	11.4	49.5	1.05	123.7	.087	2	1.60	.028	.06	.3	.07	31	.4	.03	5.1	.02	.56
1129	.65	19.72	10.43	58.0	61	20.2	11.1	412	2.64	13.1	1.4	4.2	4.6	35.3	.23	1.31	.24	79	.74	.076	13.0	36.4	.69	134.6	.109	2	1.32	.036	.06	.7	.06	38	.4	.03	4.6	.03	.53
1131	.46	18.60	8.20	56.3	50	22.7	11.8	384	2.32	13.9	1.2	4.4	2.6	52.8	.17	.86	.17	62	.77	.069	10.6	41.2	.81	127.9	.118	2	1.48	.045	.07	.2	.06	28	.4	<.02	4.6	.02	.64
1133	.39	21.47	4.68	54.9	45	23.2	11.6	435	2.55	6.0	.5	1.7	2.1	44.6	.13	.51	.10	70	1.09	.081	9.9	35.9	.74	119.8	.124	2	1.29	.055	.06	<.2	.04	19	.5	<.02	4.0	.03	.34
1134	12.31	136.83	48.64	92.9	1141	21.8	15.7	969	2.96	176.4	8.3	19.6	6.6	36.5	.56	10.81	6.20	84	.50	.094	18.3	38.0	.67	141.9	.116	2	1.84	.027	.08	5.8	.26	120	.7	.05	6.2	.05	1.29
1135	2.44	48.39	19.74	69.0	301	24.6	14.7	493	2.37	49.3	8.8	12.4	2.6	39.0	.61	2.44	1.60	65	.57	.061	13.1	41.9	.69	123.5	.100	1	1.67	.024	.07	3.0	.22	56	.7	.05	5.4	.04	1.07
1137	2.21	49.38	55.15	83.9	620	29.5	33.0	987	3.38	235.9	2.3	21.6	2.5	58.0	.70	3.62	3.76	87	.64	.095	13.5	48.7	.92	149.3	.135	2	2.25	.039	.17	.8	.42	93	1.0	.35	6.9	.08	1.52
1139	1.69	35.11	23.24	65.3	251	22.0	15.5	467	2.38	63.4	3.9	4.8	2.3	44.2	.44	1.90	.97	60	.60	.061	11.5	33.5	.75	106.8	.098	1	1.64	.024	.09	1.7	.23	47	.5	.07	5.2	.05	.70
1141	1.26	25.41	57.99	92.6	383	21.9	19.4	1049	2.64	85.3	1.9	7.6	3.1	49.2	.78	2.70	.75	68	.61	.085	15.4	32.5	.68	131.3	.086	1	1.67	.024	.12	.3	.24	66	.6	.08	5.8	.05	.61
1143	1.60	31.47	27.10	67.6	245	24.1	17.7	607	2.85	75.0	2.3	11.1	3.8	55.5	.30	2.04	1.38	67	.66	.075	14.4	40.5	.70	115.5	.090	1	1.64	.023	.10	1.1	.20	32	.5	.07	5.3	.03	.64
1145	.99	22.28	17.66	72.1	127	23.9	17.4	848	2.81	32.9	1.2	2.2	3.4	39.6	.22	1.51	.32	73	.55	.080	12.9	33.0	.69	116.5	.098	1	1.62	.025	.10	.2	.14	33	.5	.03	5.6	.03	.55
1147	1.01	26.25	7.49	84.1	173	30.1	13.9	583	2.43	6.3	2.3	4.2	2.5	44.7	.43	.59	.12	55	.64	.080	17.9	30.0	.56	218.3	.069	2	1.41	.022	.07	.2	.11	68	1.3	.02	4.1	.06	.51
1149	.94	14.00	9.28	58.9	89	17.8	14.6	524	2.10	6.2	.7	3.0	2.2	23.0	.16	.52	.93	53	.35	.076	13.2	31.5	.52	141.8	.076	2	1.31	.018	.07	<.2	.11	35	.4	.31	4.5	.01	1.17
1150	1.19	17.30	7.62	78.7	197	22.9	8.8	360	2.01	3.2	1.1	5.9	2.2	22.6	.35	.29	.17	46	.35	.083	14.8	28.5	.44	217.5	.056	1	1.22	.012	.08	.3	.14	60	.8	.07	3.8	.01	.59
1152	1.08	16.34	8.68	64.5	153	20.1	13.7	558	2.19	5.1	.9	3.3	2.2	25.4	.29	.37	.17	55	.37	.069	15.2	29.2	.46	193.8	.055	1	1.30	.015	.06	.2	.10	44	.6	.05	4.5	.02	.62
3310	6.99	146.49	80.43	107.4	1846	26.5	13.8	703	3.02	194.5	10.4	14.9	7.3	38.0	.89	12.14	6.93	80	.59	.085	26.1	37.3	.65	233.0	.093	3	2.26	.023	.08	2.6	.19	100	.5	.07	7.5	.06	1.44
3342	3.69	559.23	100.74	124.7	2312	46.6	26.9	746	4.13	1106.3	6.8	22.4	5.5	49.8	1.24	66.30	32.02	95	.71	.082	28.7	58.8	.92	168.0	.109	3	2.37	.029	.15	1.3	.74	294	1.4	.25	7.6	.08	1.88
3343	3.59	555.68	92.67	122.0	2233	47.0	27.1	728	4.04	1093.4	6.7	23.2	5.3	50.2	1.17	66.02	32.86	92	.74	.081	28.1	60.2	.93	167.6	.107	3	2.38	.030	.14	1.4	.73	273	1.4	.27	7.4	.08	1.85
RE 1133	.46	21.88	4.58	53.8	41	23.1	11.4	431	2.50	6.8	.5	2.4	2.1	43.0	.12	.63	.90	68	1.07	.080	9.8	32.5	.71	115.9	.116	3	1.22	.053	.06	.2	.05	29	.4	.04	3.9	.03	.52
3346	4.22	583.66	75.07	115.9	2062	25.8	18.4	696	3.39	477.0	5.7	14.1	6.1	31.9	1.57	33.87	35.47	83	.55	.077	22.2	29.7	.63	152.4	.098	3	1.95	.028	.08	7.1	.33	185	1.0	.14	6.6	.05	1.71
3353	1.56	41.54	29.57	78.8	378	37.2	17.7	374	3.14	149.5	1.2	6.3	2.1	42.6	.43	5.16	2.55	93	.62	.059	11.0	64.8	.94	139.4	.106	3	2.13	.036	.07	.2	.32	60	.9	.20	6.8	.07	.64
3355	.54	19.42	9.18	48.9	44	31.0	11.7	327	2.31	6.2	1.5	12.0	4.0	42.1	.12	.41	.33	56	.62	.082	16.6	54.8	.86	133.0	.094	2	1.44	.024	.07	.3	.05	37	.5	.02	4.4	.04	.46
3357	5.15	59.57	21.59	76.4	613	21.1	13.9	667	2.77	69.8	13.9	9.2	5.9	49.1	.68	5.06	4.30	80	.75	.068	18.7	36.9	.70	179.6	.134	1	1.97	.033	.08	2.4	.22	77	.7	.03	6.6	.04	1.69
3358	4.73	51.87	25.98	72.2	624	21.1	13.0	579	2.87	83.6	6.4	7.1	6.4	37.7	.36	5.78	4.66	85	.70	.063	12.6	39.6	.72	159.3	.137	2	1.91	.029	.11	2.2	.22	49	.5	.02	7.1	.04	1.32
3359	4.47	51.40	23.65	69.0	556	18.7	11.1	477	2.74	69.5	7.1	4.9	6.9	36.1	.45	5.19	5.97	82	.60	.061	15.8	35.3	.63	151.7	.130	1	1.74	.026	.09	4.8	.22	61	.5	.04	6.4	.03	1.34
3360	6.48	82.77	29.07	76.9	803	20.6	12.0	512	2.85	77.1	13.3	7.9	8.6	43.6	.56	6.09	7.82	83	.62	.073	19.2	41.7	.64	172.9	.133	2	1.94	.027	.08	5.0	.21	54	.5	.03	6.7	.03	1.94
3361	5.88	43.28	28.99	71.9	709	20.3	11.4	357	2.64	60.5	11.3	16.7	9.7	38.1	.43	9.35	4.34	76	.57	.083	21.9	46.1	.63	144.4	.124	2	1.87	.021	.06	5.5	.22	70	.5	.02	6.7	.04	1.69
3380	13.05	105.66	24.71	83.6	739	19.8	13.2	697	2.81	162.7	12.8	10.3	3.3	47.1	.76	14.21	1.43	83	.80	.054	16.1	33.6	.66	171.4	.140	2	2.22	.025	.09	1.2	.26	78	.7	.02	7.2	.04	1.58
3381	3.66	29.87	23.74	58.9	297	11.7	11.0	403	2.60	98.5	11.3	25.4	5.3	47.6	.32	5.86	4.91	76	.89	.063	13.2	25.8	.67	130.6	.141	1	1.97	.031	.12	2.4	.25	42	.5	.02	7.1	.03	1.59
3383	1.25	18.88	17.47	67.7	169	13.3	10.4	347	2.37	31.4	3.9	23.2	3.5	41.1	.32	3.74	1.99	67	.76	.059	10.8	28.0	.66	141.6	.134	2	1.60	.031	.10	1.2	.15	35	.3	<.02	5.6	.02	.95
3384	.73	19.47	10.25	49.0	122	16.3	9.4	343	2.35	13.6	3.6	6.6	3.5	47.6	.26	1.12	.71	71	.80	.051	13.9	26.8	.60	153.6	.140	2	1.55	.034	.11	.5	.12	36	.4	.05	5.2	.06	.85
3386	.86	22.50	8.37	51.6	93	19.3	10.8	350	2.29	14.2	3.1	2.9	2.6	46.1	.19	1.36	.39	65	.84	.067	10.7	28.7	.65	127.7	.124	2	1.40	.044	.07	.4	.07	34	.4	.02	4.6	.03	.65
STANDARD DS2	13.32	129.27	32.48	165.4	249	37.0	13.0	828	3.18	63.5	21.3	201.1	3.5	29.2	11.61	10.52	11.31	82	.55	.083	16.9	166.6	.59	139.7	.112	3	1.72	.039	.16	7.5	1.90	261	2.7	1.87	6.3	.02	25.62

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 1999 **DATE REPORT MAILED:** Sept 30/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data # FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn ppm
3388	.47	16.76	6.36	52.6	55	18.8	10.4	394	2.46	11.9	2.0	4.9	2.8	40.6	.12	.70	.32	68	.78	.079	10.6	29.2	.69	134.9	.118	3	1.35	.043	.06	.3	.05	27	.4	<.02	4.6	.02	.94
3389	.84	15.66	7.09	53.0	59	17.5	10.1	350	2.39	11.7	2.2	11.7	3.1	40.6	.16	1.10	.30	73	.79	.077	11.3	35.3	.66	113.0	.146	3	1.39	.048	.07	.6	.06	26	.4	<.02	4.7	.01	.91
3390	.39	16.79	4.91	49.9	43	19.2	9.9	364	2.27	4.7	1.0	2.2	2.4	42.3	.13	.51	.14	62	.87	.077	10.0	27.1	.66	113.7	.131	3	1.29	.051	.07	.2	.05	22	.3	.02	4.2	.02	.65
3417	4.56	55.14	19.65	47.6	491	25.0	13.1	390	2.72	30.2	3.2	12.7	2.8	86.7	.36	6.21	.69	80	.54	.077	16.0	45.9	.76	154.3	.146	2	1.82	.025	.19	.4	.36	60	.5	.10	6.4	.03	.77
3421	1.02	22.93	9.50	60.5	49	45.2	18.7	406	2.66	12.4	1.4	2.5	2.1	51.7	.18	.99	.17	69	.99	.097	9.8	59.2	1.00	106.3	.111	2	1.71	.032	.09	.2	.09	17	.4	.04	5.5	.04	.50
3423	.96	34.91	10.11	62.6	83	41.1	18.5	520	2.90	6.6	2.3	4.4	2.6	47.4	.15	.40	.19	99	.88	.071	10.2	84.3	1.06	169.3	.158	3	1.96	.043	.06	.2	.11	33	.5	.02	6.4	.05	.77
3427	1.50	30.14	11.47	65.3	112	55.5	22.8	474	2.42	17.0	.7	3.0	1.5	43.6	.26	.88	.66	69	1.75	.054	7.5	73.1	.90	84.8	.109	6	1.65	.051	.10	.4	.34	33	.6	.04	5.1	.09	.38
3428	1.36	44.66	11.33	65.3	233	36.0	14.5	550	2.48	51.1	.8	4.2	1.7	49.8	.29	1.18	2.36	72	.98	.063	10.0	43.9	.85	140.7	.079	2	1.72	.031	.07	.8	.30	43	.7	.14	5.5	.05	.85
5149	1.57	51.59	79.05	124.0	825	30.6	21.1	908	3.21	275.8	1.1	13.7	2.0	64.0	1.70	7.93	4.06	96	.70	.114	13.5	42.4	.79	150.7	.129	2	2.24	.041	.16	.5	.42	67	.4	.43	7.1	.04	.57
5151	1.71	56.02	26.53	88.6	515	49.3	30.2	1072	3.41	143.9	1.4	12.2	2.1	59.8	.78	6.82	1.58	94	.96	.098	14.3	74.2	1.01	188.1	.130	3	2.31	.041	.12	.3	.42	55	1.4	.26	7.1	.08	.63
5152	1.28	37.12	15.73	66.4	253	29.0	13.8	380	2.58	72.4	1.2	3.7	3.0	46.0	.30	3.93	1.83	75	.81	.068	11.4	55.9	.84	126.7	.119	2	1.60	.047	.10	.5	.22	35	.7	.11	5.6	.04	.61
5153	.69	23.94	8.84	55.0	123	25.0	10.5	324	2.31	27.6	.8	5.5	2.3	38.4	.19	2.17	.76	61	.67	.062	10.1	39.5	.71	118.1	.117	2	1.49	.042	.06	.3	.11	25	.5	.03	4.8	.03	.47
5155	1.17	35.95	18.76	66.1	292	33.4	15.9	609	2.63	93.9	1.1	6.2	2.8	38.2	.47	5.62	2.44	72	.68	.097	12.3	55.3	.94	113.9	.103	2	1.62	.031	.09	1.6	.27	36	.7	.10	5.6	.04	.51
5157	1.23	16.40	12.27	44.6	185	14.2	9.8	229	2.12	31.3	1.1	7.1	1.9	51.2	.20	8.72	1.28	72	.46	.085	10.3	40.9	.74	142.0	.167	2	1.67	.024	.08	.3	.31	45	.3	.32	5.9	.04	1.12
5158	4.82	46.88	56.89	90.5	1062	17.1	10.6	586	2.17	32.7	8.3	13.3	11.9	28.2	1.03	27.49	2.12	57	.42	.069	24.5	28.8	.53	109.1	.096	2	1.48	.020	.06	2.5	.18	62	.5	.08	6.1	.02	1.27
5160	9.24	32.40	22.91	73.1	422	20.0	15.3	808	2.64	54.8	15.1	6.4	5.4	56.3	.66	11.61	1.24	77	.72	.078	16.9	32.1	.66	172.3	.132	2	1.78	.028	.07	1.3	.22	72	.7	.07	5.7	.06	1.46
5161	3.99	23.16	22.40	59.7	230	19.7	13.9	612	2.70	9.5	6.2	2.8	14.2	57.5	.32	3.32	.57	80	.66	.093	22.5	47.5	.63	101.5	.151	2	1.60	.031	.07	.7	.13	31	.5	.06	7.1	.04	1.73
5163	8.27	30.82	25.88	59.8	310	17.6	10.5	427	2.95	23.1	80.7	5.5	10.1	67.0	.32	6.15	1.31	97	.79	.065	18.7	44.9	.59	120.0	.141	2	1.53	.031	.06	3.9	.19	51	.5	.02	6.1	.04	5.95
5165	2.27	25.73	15.21	62.7	266	18.5	11.5	558	2.70	27.8	5.6	6.2	4.3	45.8	.38	1.91	.82	85	.69	.053	15.8	31.3	.60	175.4	.131	1	1.94	.031	.08	1.0	.14	54	.5	.04	6.4	.03	.97
5166	2.07	20.45	9.73	53.6	106	18.6	10.9	425	2.38	12.3	19.2	6.7	3.9	47.8	.18	1.56	.34	71	.80	.069	12.0	30.0	.63	123.8	.132	1	1.39	.043	.07	.6	.08	24	.4	<.02	4.7	.03	1.78
5168	.53	15.37	5.52	48.5	53	18.8	9.1	332	2.21	4.7	1.1	8.5	3.4	40.3	.16	.47	.14	65	.80	.079	11.0	31.9	.61	106.6	.124	1	1.26	.046	.06	.4	.05	24	.3	.02	4.2	.02	.55
RE 5168	.49	15.63	5.58	49.5	52	19.2	9.6	336	2.23	4.6	1.1	4.7	3.4	41.0	.14	.48	.14	65	.81	.080	11.2	29.0	.61	107.6	.126	2	1.28	.048	.06	.4	.05	24	.3	.02	4.3	.02	.58
5170	.52	19.51	4.40	50.0	39	22.0	10.6	343	2.33	5.2	1.2	1.8	2.3	55.4	.12	.50	.10	65	1.34	.081	10.5	29.2	.74	115.6	.131	2	1.30	.062	.07	.2	.05	15	.4	.02	4.2	.03	.58
5172	4.92	47.93	28.11	76.4	725	19.3	11.2	370	2.49	76.4	12.3	8.7	7.1	39.0	.64	13.18	1.80	70	.56	.071	20.0	35.8	.64	141.5	.122	2	1.83	.021	.05	6.8	.23	67	.2	.02	6.7	.05	1.63
5173	.88	24.46	16.63	65.4	143	26.5	14.2	628	2.60	9.4	5.9	4.3	3.4	65.7	.22	2.20	.30	67	.78	.056	20.6	43.5	.72	187.5	.085	2	1.87	.021	.08	<.2	.10	42	.3	.03	6.1	.06	1.03
5174	.98	35.68	11.27	50.5	161	30.6	23.0	436	2.54	13.9	.6	2.1	.9	22.2	.22	1.63	.23	82	.47	.059	7.0	54.3	.84	87.2	.121	3	1.74	.026	.05	.2	.22	41	.4	.04	6.0	.06	.46
5178	1.14	43.11	12.24	74.5	90	43.7	18.8	481	2.98	5.4	1.7	5.8	3.0	40.8	.21	.40	.21	104	.61	.062	10.1	92.9	1.17	185.1	.182	1	1.97	.033	.11	.4	.14	26	.5	.03	7.0	.03	.71
5179	1.16	32.33	11.88	63.6	146	36.4	16.7	488	3.02	7.5	1.5	2.7	2.6	56.1	.19	.42	.16	104	.93	.083	13.1	66.2	.94	202.8	.129	2	2.19	.040	.06	.2	.09	51	.6	.04	6.7	.06	.57
5181	1.36	25.16	6.83	92.2	404	27.2	14.3	1004	2.90	5.3	1.8	2.6	2.0	28.7	.15	.36	.13	72	.41	.091	20.1	50.2	.73	402.4	.082	1	1.99	.017	.09	<.2	.16	83	.5	.03	6.4	.06	.61
5182	1.21	17.45	8.78	75.9	257	20.9	9.1	308	2.30	4.0	1.4	4.0	1.5	27.2	.10	.29	.14	57	.35	.066	20.6	36.1	.54	402.8	.044	1	1.84	.015	.08	<.2	.20	99	.5	.03	6.0	.04	.57
5184	1.50	23.95	26.52	85.8	229	30.3	20.8	1167	2.75	5.1	1.7	3.6	3.3	37.1	.46	1.01	.78	55	.46	.085	26.9	25.5	.42	236.4	.018	3	1.52	.014	.10	.6	.14	70	.5	.03	4.9	.04	.86
5185	1.18	17.96	8.04	74.0	161	22.9	16.0	1078	2.55	5.3	1.0	3.2	2.0	28.3	.30	.34	.17	64	.38	.079	16.6	35.2	.53	257.8	.063	1	1.68	.015	.06	<.2	.11	62	.5	.02	5.5	.04	.57
5186	.89	14.15	15.14	60.7	68	20.2	11.7	439	2.25	6.4	.9	1.6	2.2	27.2	.16	.85	.20	67	.36	.049	12.2	31.8	.56	116.9	.086	2	1.51	.020	.06	.2	.11	38	.3	.04	6.0	.04	.71
5188	1.00	21.93	22.98	68.7	126	22.4	15.4	644	2.72	38.6	1.0	5.7	2.7	47.9	.23	1.76	.41	90	.54	.089	11.3	29.7	.75	123.1	.130	1	1.72	.033	.10	.3	.17	46	.4	.07	6.2	.04	.58
STANDARD DS2	13.79	128.49	30.69	162.9	261	35.8	12.9	820	3.18	63.5	20.8	200.4	3.4	29.2	11.58	10.23	11.14	80	.55	.081	16.2	166.9	.58	136.5	.109	4	1.68	.039	.16	7.4	1.86	259	2.6	1.95	6.2	.02	25.75

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

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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

Deltango Gold Limited File # 9903423 Page 1

38 Dawson Road, Whitehorse YT Y1A 5T6 Submitted by: Doug Brownlee

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn ppm
1124	2.97	16.42	22.71	79.1	90	30.0	14.0	763	2.90	82.4	1.2	3.0	6.4	78.5	.36	6.65	.59	66	.51	.063	13.2	90.3	1.06	119.7	.098	4	1.78	.058	.27	3.4	.28	11	.3	.05	6.4	.02	.90
1126	1.35	20.61	17.42	87.3	77	37.6	18.7	1013	3.48	248.8	.6	1.4	3.2	27.7	.34	5.77	.59	80	.33	.058	8.4	65.3	1.65	123.0	.056	3	2.10	.035	.16	.6	.20	16	.4	.06	5.9	.01	.47
1128	1.16	13.87	9.24	58.3	35	27.0	14.0	535	2.67	69.0	.6	.6	3.6	17.7	.16	1.87	.22	50	.25	.048	9.5	51.7	1.16	97.9	.040	2	1.39	.020	.10	.8	.09	11	.2	.05	4.0	.05	.31
1130	1.63	9.28	11.20	37.6	35	9.0	8.2	469	2.03	33.9	1.1	2.0	13.9	14.1	.19	4.00	.39	49	.25	.043	29.5	20.6	.36	109.3	.034	3	.87	.037	.11	2.4	.08	12	.3	.02	2.8	.01	.59
1132	1.69	12.91	9.37	47.3	29	19.8	11.4	602	2.33	38.3	.8	1.1	7.2	21.2	.14	2.42	.25	48	.28	.045	16.9	37.7	.74	96.1	.043	2	1.11	.030	.11	1.5	.07	8	.3	.03	3.5	.01	.42
1136	3.36	26.03	23.39	45.4	147	15.0	8.8	339	2.23	86.7	2.1	3.1	8.6	21.3	.19	4.55	6.55	51	.30	.040	14.5	32.4	.55	59.1	.078	2	1.00	.030	.10	27.8	.14	6	.2	.06	3.5	.01	.64
1138	3.33	37.51	35.59	60.3	156	27.8	20.8	524	3.42	193.4	1.1	8.7	4.9	51.5	.34	4.58	2.57	87	.46	.056	11.2	122.7	1.07	157.9	.130	4	1.79	.079	.34	1.3	.44	7	.5	.11	6.2	.08	1.11
1140	2.35	26.53	25.78	57.8	125	18.1	13.7	573	2.40	116.0	1.4	3.8	6.7	33.9	.33	4.05	1.31	59	.35	.053	11.8	39.7	.73	102.2	.085	2	1.27	.039	.21	1.4	28	6	.4	.05	4.4	.04	.63
1142	2.67	13.03	21.07	41.6	55	17.8	11.5	454	2.04	64.6	1.0	.9	9.6	19.6	.19	3.55	.27	33	.29	.044	20.3	111.4	.43	60.4	.071	3	.91	.025	.17	.4	.13	<5	.3	.03	3.1	.01	.77
1144	1.90	20.54	30.32	50.1	130	20.0	13.1	492	2.34	93.3	1.1	19.9	7.9	28.2	.26	4.01	3.26	40	.32	.047	16.9	29.5	.56	75.2	.067	2	1.08	.029	.17	2.7	.17	10	.4	.11	3.5	.02	.80
1146	1.61	15.05	11.89	48.0	30	20.7	13.5	589	2.28	42.9	.7	1.3	5.9	19.9	.13	2.43	.21	45	.27	.055	15.5	36.4	.61	73.5	.070	2	.99	.019	.13	1.1	.11	<5	.3	.07	3.5	.01	.48
1148	1.90	12.13	3.63	37.2	34	15.7	5.9	306	1.40	4.1	.7	1.5	3.7	14.2	.14	.52	.02	22	.18	.041	12.7	15.4	.17	144.2	.026	1	.51	.015	.10	1.1	.05	9	.5	.04	1.3	.01	.27
1151	4.25	13.84	4.07	39.6	64	20.8	5.4	272	1.40	3.0	.6	.7	2.2	10.8	.15	.25	<.02	25	.14	.038	9.5	196.1	.12	168.3	.030	2	.46	.016	.10	.3	.07	8	.6	.04	1.4	.01	.42
1153	2.47	8.40	3.29	24.9	28	10.1	6.4	307	1.09	3.3	.4	.2	2.6	8.7	.06	.23	<.02	21	.11	.036	10.6	13.9	.11	110.4	.017	1	.39	.009	.07	1.9	.04	<5	.3	.02	1.2	<.01	.18
3345	5.35	175.38	45.34	59.4	635	22.3	8.0	345	2.65	372.6	2.5	2.4	12.1	17.4	.56	67.74	22.45	57	.30	.054	19.1	34.0	.52	88.6	.078	7	1.08	.044	.15	28.1	.39	84	1.0	.28	4.4	.01	2.61
3352	4.27	32.34	41.64	89.0	234	41.9	21.5	680	4.19	337.6	1.0	3.3	5.6	31.2	.44	11.85	4.73	90	.39	.081	15.5	84.6	1.10	135.9	.114	8	1.76	.055	.23	2.8	.42	13	.8	.38	6.0	.06	.59
3354	2.69	29.79	18.21	68.8	40	60.5	28.8	801	4.17	21.0	.7	4.6	7.6	32.3	.15	1.11	.73	65	.39	.085	26.6	91.6	1.29	391.9	.081	3	1.63	.035	.18	1.0	.06	18	.8	.09	4.5	.01	.45
3356	6.09	19.62	31.60	40.4	473	15.8	9.0	452	3.73	79.0	2.1	2.3	13.5	19.6	.26	10.14	82.91	136	.35	.041	26.0	55.7	.53	92.9	.100	3	1.05	.069	.12	270.5	.17	<5	.3	.12	4.6	<.01	1.15
3382	4.24	18.26	38.15	47.3	627	10.7	12.0	463	4.36	81.2	1.6	11.1	15.3	30.4	.41	7.66	53.12	167	.58	.055	29.6	133.5	.54	126.4	.142	2	1.34	.090	.17	107.6	.18	<5	.3	.10	5.4	<.01	1.20
3385	2.26	12.69	18.07	41.9	117	8.5	8.7	434	2.23	54.8	1.1	1.7	9.2	33.6	.23	4.38	2.45	60	.54	.037	16.6	15.9	.51	122.6	.121	2	1.33	.102	.15	2.8	.16	6	.2	.04	4.4	<.01	.88
3387	2.09	7.11	8.30	33.2	77	7.3	7.7	364	3.59	17.4	1.1	2.1	9.7	25.9	.09	1.84	2.17	136	.46	.058	19.6	29.3	.44	103.3	.091	1	1.03	.078	.10	3.3	.06	6	.2	.02	3.8	<.01	.80
RE 3387	2.10	6.91	8.47	33.7	67	7.7	7.8	372	3.61	17.9	1.2	5.0	9.9	29.6	.10	1.85	2.13	138	.47	.059	20.2	32.0	.45	105.1	.098	1	1.05	.080	.10	3.4	.06	<5	.2	.02	3.9	<.01	.81
3420	2.88	26.90	12.29	58.1	30	63.3	31.1	564	5.77	29.5	.8	3.6	3.4	31.1	.13	1.87	.53	124	.69	.096	10.6	92.8	1.15	79.6	.148	2	1.52	.035	.13	1.4	.06	6	.5	.07	5.0	.04	.46
3422	1.60	25.02	9.78	48.1	27	43.1	18.4	573	3.60	8.1	1.1	1.1	3.7	36.0	.15	.47	.23	122	.68	.071	10.4	101.0	1.05	118.2	.137	2	1.37	.058	.09	1.3	.06	8	.3	.04	5.0	.01	.70
3424	2.28	30.25	10.09	50.4	29	44.8	15.7	498	3.38	5.9	1.0	1.2	4.5	31.4	.13	.47	.14	107	.56	.065	13.1	105.8	.94	132.6	.138	2	1.22	.059	.10	3.7	.08	6	.3	.04	4.5	.02	.75
3425	1.70	18.86	10.26	44.8	28	35.6	17.9	460	5.18	11.6	.5	.4	2.4	58.4	.14	.50	.03	223	1.23	.119	12.1	98.5	.82	108.6	.193	2	1.56	.145	.07	.6	.04	8	.3	.02	6.5	.01	.71
3426	6.05	31.07	20.02	76.4	141	76.2	23.9	619	3.93	52.0	1.0	5.1	6.8	39.6	.26	2.20	6.26	107	2.04	.100	12.6	142.7	1.23	83.1	.184	38	2.44	.117	.34	92.4	.45	<5	.7	.10	8.3	.11	1.31
5150	3.06	31.09	31.15	87.2	191	47.5	21.3	712	4.04	295.9	.9	3.2	5.3	32.6	.38	10.22	2.08	97	.44	.087	15.1	92.9	1.21	133.3	.130	7	1.81	.056	.23	.6	.42	6	.8	.30	6.3	.05	.59
5154	2.48	28.86	24.10	61.5	140	36.5	18.3	659	3.07	194.0	.9	3.1	6.2	23.5	.37	12.88	4.36	64	.36	.071	15.2	64.5	1.07	102.2	.091	5	1.45	.045	.16	3.3	.27	15	.5	.16	4.7	.02	.68
5156	3.52	18.34	23.10	32.3	149	9.6	6.6	380	1.71	79.6	1.6	2.4	11.3	17.2	.27	6.84	9.58	44	.27	.028	18.7	107.3	.36	83.1	.078	2	.89	.061	.12	6.3	.20	6	.2	.03	3.3	<.01	1.04
5159	6.12	18.38	17.85	37.6	185	5.8	6.9	512	1.62	38.0	2.7	1.5	12.3	19.7	.26	16.71	2.20	41	.22	.044	16.0	17.5	.22	54.9	.047	2	.60	.032	.08	7.6	.12	<5	.2	.03	2.5	<.01	.89
5162	4.86	11.73	12.80	29.2	161	9.7	5.3	349	1.48	12.0	5.4	23.4	14.6	20.8	.24	3.22	2.54	39	.23	.034	19.3	117.7	.20	42.5	.054	1	.55	.049	.07	4.2	.07	<5	.2	.02	2.5	.01	1.39
5164	2.40	12.98	11.77	39.1	52	5.8	7.8	559	1.94	38.4	1.4	.9	18.0	22.8	.31	3.55	1.32	53	.35	.028	38.6	11.6	.34	84.5	.083	1	1.04	.062	.14	3.3	.13	6	.3	.02	3.8	<.01	.85
5167	3.49	9.93	10.79	28.4	131	9.6	7.1	381	2.66	20.3	2.5	166.7	17.0	24.4	.15	3.24	2.71	93	.42	.039	33.1	127.3	.32	88.6	.085	1	.87	.084	.10	15.0	.07	5	.3	.02	3.5	<.01	1.05
STANDARD DS2	13.87	129.18	30.88	163.4	266	36.5	12.8	818	3.17	66.7	20.0	202.6	3.3	29.9	11.20	9.58	10.77	81	.54	.081	16.1	175.1	.60	144.0	.114	3	1.77	.041	.16	6.9	1.83	264	2.7	1.82	6.0	.03	25.34

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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: PAN CONC. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 1999 **DATE REPORT MAILED:** Sept 25/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn %
5169	2.38	7.54	4.98	20.9	46	8.0	5.7	332	1.69	6.3	.7	.5	8.4	31.4	.09	.80	.36	43	.44	.037	17.1	89.5	.25	97.2	.055	1	.75	.081	.08	.4	.04	<5	.1	<.02	2.6	<.01	.68
5171	4.76	16.11	18.66	26.6	216	8.9	3.4	162	1.78	44.6	2.8	1.2	15.5	11.1	.21	18.19	2.73	41	.18	.040	18.0	105.4	.15	38.7	.050	2	.50	.026	.06	23.5	.08	<5	.1	<.02	2.5	<.01	1.24
5175	2.93	25.79	12.71	59.6	25	60.9	28.8	643	3.84	27.3	.9	1.0	4.3	32.1	.16	1.83	.32	73	.68	.111	11.9	131.4	1.32	80.9	.137	2	1.71	.033	.14	.3	.06	5	.4	.10	5.3	<.01	.46
5176	1.76	24.92	10.74	49.3	23	45.7	20.2	626	3.80	9.0	1.1	.7	3.8	35.1	.17	.44	1.05	112	.68	.077	10.3	126.7	1.02	120.7	.122	2	1.38	.055	.09	.5	.06	<5	.3	.02	5.0	<.01	.58
5177	2.16	28.25	10.11	47.5	23	39.0	16.3	515	2.73	6.6	.9	<.2	4.5	30.5	.14	.35	.32	76	.47	.064	10.4	125.8	.84	133.4	.111	1	1.14	.046	.09	.8	.09	<5	.2	.05	4.2	<.01	.59
5180	1.64	17.71	12.65	.6	20	32.6	16.8	402	4.37	12.5	.5	<.2	2.3	56.4	.15	.38	.13	<2	<.01	<.001	10.9	<.5	<.01	.5	<.001	1	.01	.001	.07	.2	.04	<5	.2	.02	5.8	<.01	.51
5183	4.30	8.80	2.40	.6	50	14.8	2.1	132	.92	2.3	.3	<.2	3.0	12.7	.05	.17	.25	<2	<.01	<.001	12.3	<.5	<.01	<.5	<.001	2	<.01	.001	.09	2.7	.07	9	.2	.05	1.5	<.01	.61
5187	1.89	18.29	18.93	65.7	62	26.3	17.0	686	3.10	121.5	.8	<.2	6.6	27.9	.18	2.98	.46	73	.41	.074	13.1	54.6	1.11	77.9	.113	4	1.57	.034	.16	1.1	.18	5	.2	.08	6.1	<.01	.53
RE 5187	1.95	18.30	19.14	67.0	64	27.2	17.2	708	3.19	124.3	.8	<.2	6.7	28.6	.19	3.10	.47	75	.43	.076	13.6	63.7	1.12	79.5	.120	4	1.58	.037	.16	1.1	.18	<5	.3	.09	6.3	<.01	.56
STANDARD	13.91	129.07	30.81	164.4	280	35.7	12.7	845	3.26	61.5	21.0	195.1	3.4	29.8	11.51	9.45	10.86	75	.58	.086	16.3	166.8	.58	142.5	.117	2	1.81	.043	.16	6.9	1.86	252	2.3	1.79	6.1	.01	25.44

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Deltango Gold Limited File # 9903424

38 Dawson Road, Whitehorse YT Y1A 5T6 Submitted by: Doug Brownlee

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sn ppm
1154	2.97	79.36	77.74	69.6	754	8.7	9.1	303	2.35	8.2	4.8	5.1	15.3	31.7	.61	.71	.75	81	.45	.059	16.1	22.5	.56	278.5	.201	2	1.03	.137	.57	9.2	.36	<5	.3	.05	4.1	<.01	1.62
1157	1.37	17.64	50.97	89.4	344	3.1	2.6	415	1.02	53.8	3.7	6.3	10.9	25.5	.99	1.93	.86	20	.36	.041	38.0	14.0	.24	106.4	.057	3	.57	.073	.11	4.7	.16	<5	.3	.04	4.4	.04	1.18
1158	3.40	9.98	53.54	63.7	380	7.6	7.9	442	1.55	106.9	3.0	4.7	11.5	64.6	.69	11.15	1.38	18	.44	.065	20.0	20.3	.15	73.2	.097	4	.75	.103	.09	7.7	.16	<5	.4	.13	3.8	.77	.86
1159	2.67	81.86	31.03	36.6	319	23.2	14.1	360	5.36	439.2	.8	6.8	3.6	50.8	.23	10.29	8.26	125	.74	.151	9.4	87.4	.88	38.5	.078	2	2.08	.172	.31	4.3	.69	6	.6	.07	8.4	2.44	.47
1160	4.19	29.98	14.84	33.7	186	16.8	21.0	335	4.99	67.4	.3	9.7	2.3	94.5	.18	4.47	2.78	175	1.00	.141	7.7	107.3	1.06	62.1	.189	2	2.32	.274	.51	5.1	.84	<5	.8	.15	10.6	1.98	.76
1161	3.47	30.18	57.83	118.7	380	13.5	17.7	549	3.81	55.3	1.1	2.3	5.4	133.1	1.20	7.06	2.39	150	1.35	.116	10.8	93.2	1.06	103.3	.241	1	3.16	.450	.97	5.4	1.45	<5	.8	.02	12.3	1.00	1.31
1162	5.40	12.51	1.84	14.4	15	19.5	4.5	151	1.10	3.5	<.1	<.2	.2	4.5	.02	.39	.34	16	.12	.018	<.5	52.0	.30	21.8	.060	<1	.38	.015	.03	17.2	.03	<5	.1	.09	1.3	<.01	.65
1163	.70	61.85	38.59	55.0	213	57.4	24.7	224	2.80	35.8	.2	2.7	1.2	59.8	.50	3.43	.67	123	1.52	.178	12.3	108.1	.74	30.2	.277	2	1.74	.327	.32	2.5	.40	<5	.5	.11	5.4	.68	.66
1164	.79	292.20	24.41	57.5	213	33.1	36.7	360	5.78	6.9	.1	2.3	.4	117.6	.36	1.13	2.02	143	2.09	.099	2.2	36.5	2.01	204.8	.249	2	4.31	.482	.36	1.0	.98	<5	2.2	.07	12.1	1.10	.54
1165	.46	203.60	68.91	212.2	446	355.0	79.7	356	3.60	39.0	<.1	1.6	.2	198.8	1.28	2.35	2.10	85	1.72	.022	1.4	406.9	1.16	74.2	.067	2	3.10	.565	.03	1.2	.57	6	1.0	.45	6.3	1.76	.48
1166	5.85	79.98	6.97	121.4	119	61.8	17.7	115	.94	20.4	<.1	2.3	<.1	2.5	.93	.41	.37	4	.24	.003	<.5	50.1	.10	9.4	.003	<1	.12	.011	<.01	18.6	.05	6	.2	.10	.3	.10	.50
1167	3.92	66.39	400.17	410.5	3740	13.7	10.3	1025	6.43	3217.3	3.9	1.6	12.1	102.8	3.90	9.72	.84	95	1.24	.354	26.8	43.3	1.28	262.4	.266	3	2.89	.219	.88	4.9	1.32	12	2.8	1.38	12.7	1.39	1.60
1169	5.97	10.38	1.35	6.1	24	11.3	1.1	75	.63	5.9	<.1	<.2	.1	5.2	.01	.16	.08	5	.08	.002	<.5	40.8	.03	10.1	.006	<1	.10	.002	.01	18.5	.02	<5	.1	.08	.7	<.01	.51
1170	1.67	15.10	8.40	30.5	118	6.6	10.0	773	3.51	177.1	.4	2.1	1.7	59.4	.05	1.61	.06	139	.70	.158	10.7	44.7	.99	28.7	.138	3	1.81	.097	.10	3.5	.09	<5	.5	.02	9.9	.90	.48
RE 1170	1.69	15.23	8.41	30.0	114	6.9	9.8	774	3.50	178.7	.4	1.9	1.6	60.9	.05	1.70	.05	139	.71	.158	10.8	44.5	1.01	29.6	.143	3	1.85	.101	.10	3.7	.09	<5	.6	.02	10.0	.89	.42
1172	6.40	50.49	19.74	29.6	407	10.9	3.5	134	3.81	23.0	3.8	1.4	25.3	27.4	.01	1.80	1.89	57	.17	.080	14.4	51.1	.74	130.6	.163	2	1.02	.063	.24	8.1	.19	<5	.8	.04	8.0	.59	4.74
1173	3.21	10.15	5.63	25.1	69	20.9	5.1	380	1.44	86.7	1.8	1.9	7.4	4.2	.14	6.08	.85	24	.08	.019	20.6	35.7	.12	158.4	.020	6	.54	.011	.26	12.4	.50	15	.2	.07	1.7	<.01	.55
1174	4.91	6.51	19.72	40.8	145	14.3	6.3	474	1.78	63.3	3.4	6.4	11.8	78.3	.09	6.78	1.29	48	.69	.127	3.8	28.0	.81	97.4	.173	5	1.23	.198	.48	6.1	.45	<5	.3	.05	6.3	.38	.89
1175	3.51	5.49	41.76	40.3	341	5.1	4.4	289	2.89	171.5	3.7	4.3	14.2	77.3	.47	5.62	2.13	33	.45	.072	22.2	24.8	.41	56.8	.132	2	1.01	.149	.18	13.4	.20	<5	1.1	.16	5.6	2.06	1.34
1176	2.66	3.47	1.58	69.3	6	23.4	3.0	1323	3.00	2.5	.6	.3	.9	38.4	.02	1.10	.54	55	5.59	.056	3.2	69.5	1.66	11.3	.026	4	1.67	.005	.05	5.7	.15	<5	.1	<.02	5.4	.01	1.13
1177	.93	104.55	5.72	39.5	176	135.3	38.5	1044	2.71	41.0	.5	3.8	.7	87.9	.09	1.44	1.96	61	10.12	.156	2.9	73.0	1.31	30.2	.167	3	1.45	.007	.04	4.5	.07	5	.6	.04	4.1	.45	1.08
STANDARD DS2	13.36	130.56	32.34	167.5	256	37.4	13.5	839	3.20	63.8	20.2	194.9	3.6	31.3	11.78	10.34	11.49	82	.55	.083	16.9	169.2	.60	142.4	.114	3	1.77	.041	.16	7.6	1.90	247	2.5	1.82	6.3	<.01	25.09

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 1999 DATE REPORT MAILED: Sept 30/99 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data F 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

Deltango Gold Limited File # 9903425

38 Dawson Road, Whitehorse YT Y1A 5T6 Submitted by: Doug Brownlee

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Sn ppm	S %
1155	2.76	15.24	15.37	46.9	207	6.6	6.2	406	2.11	17.1	1.2	3.6	4.9	48.4	.33	.97	1.47	76	.60	.065	11.0	18.6	.55	415.0	.241	1	1.16	.190	.46	5.3	.35	<5	.1	<.02	4.3	1.16	<.01
1156	3.08	14.01	12.74	25.5	43	5.1	3.4	264	1.72	11.1	4.7	.9	38.5	18.3	.07	1.37	.49	35	.24	.050	28.7	21.0	.30	37.3	.112	4	.45	.073	.26	13.2	.30	<5	.1	<.02	3.5	1.69	<.01
1168	3.48	7.50	13.31	23.3	32	7.4	3.4	274	1.68	10.4	8.5	1.3	46.1	13.6	.05	1.52	.47	36	.24	.053	33.4	22.6	.28	36.8	.103	3	.41	.069	.22	7.2	.21	<5	<.1	<.02	3.1	2.10	<.01
1171	125.93	39.85	13.72	51.0	174	5.2	3.6	356	1.64	4.2	8.5	1.7	42.2	20.5	.38	.71	.37	26	.51	.045	32.1	20.9	.31	34.7	.022	6	.57	.041	.16	7.8	.12	<5	.2	<.02	4.0	1.78	.01
5 RE 1171	125.29	40.60	13.51	50.7	175	5.6	3.7	359	1.62	4.0	8.4	2.1	42.7	20.8	.39	.73	.36	25	.51	.045	32.4	19.2	.31	34.6	.022	6	.58	.041	.16	7.7	.12	<5	.2	<.02	4.0	1.21	.01
STANDARD	14.24	128.83	30.91	164.5	274	36.7	12.7	840	3.19	62.5	21.1	181.3	3.3	30.5	11.24	9.35	10.86	82	.55	.082	17.5	175.3	.61	146.3	.116	2	1.79	.041	.16	6.9	1.84	230	2.4	1.83	6.0	26.43	.01

Standard is STANDARD DS2.

GROUP 1F30 - 30.00 GM SAMPLE, 180 MLS 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU,, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2000 PPM; CU, PB, ZN, NI, MN, AS,V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: ROCK

DATE RECEIVED: SEP 13 1999 **DATE REPORT MAILED:** Sept 29/99 **SIGNED BY** C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA ____

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(ISO 9002 Accredited Co.)

WHOLE ROCK ICP ANALYSIS

Deltango Gold Limited File # 9903425
38 Dawson Road, Whitehorse YT Y1A 5T6 Submitted by: Doug Brownlee

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Ni ppm	Sr ppm	Zr ppm	Y ppm	Nb ppm	Sc ppm	LOI %	C/TOT %	S/TOT %	FeO %	SUM %
1155	60.37	18.94	4.23	1.49	5.58	3.80	3.56	.55	.18	.10	.017	4090	<20	590	82	19	<10	10	.6	.03	.01	2.8	99.96
1156	69.28	14.70	3.02	.69	1.60	3.79	5.61	.32	.10	.05	.019	1038	<20	470	128	16	<10	3	.6	.07	<.01	1.6	99.97
1168	69.41	14.56	3.04	.72	1.73	3.82	5.43	.32	.12	.05	.019	1043	<20	464	137	17	<10	3	.5	.02	.01	1.5	99.91
1171	70.60	13.80	2.67	.61	1.10	3.22	5.71	.27	.12	.05	.020	879	<20	302	128	16	<10	3	1.6	.19	.01	1.7	99.93
RE 1171	70.35	14.02	2.71	.61	1.10	3.31	5.67	.27	.11	.05	.018	906	<20	308	119	17	<10	3	1.6	.20	<.01	1.7	99.98

GROUP 4A - 0.200 GM SAMPLE BY LIBO2 FUSION, ANALYSIS BY ICP-ES. LOI BY LOSS ON IGNITION.
TOTAL C & S BY LECO. (NOT INCLUDED IN THE SUM) FEO BY DICHROMATE TITRATION. (NOT INCLUDED IN THE SUM)
-
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 1999 **DATE REPORT MAILED:** Sept 29/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 4 FA ___

Appendix D

Plates 1 – 17

Deltango Gold Limited

Au & P Claims

YUKON

Geology

535000 E 540000 E 545000 E

6995000 N 6990000 N 6986000 N

Au Claims

Bingo Claims

P Claims

P Claims

P Claims

Area creeks traversed
no outcrops observed

samplers reported intrusive rock in creeks

White River

Geology Legend

5 Hornblende Granite

A medium grained hornblende +/- biotite granite, variable porphyritic plagioclase. Some pinkish weathering (potassic altered/Kspar rich) granite (5a) float. Minor molybdenum found of fractures of a quartz rich mafic poor equivalent (5b) near contact with Carmack Volcanics. Carmack Volcanics variably hornfelsed along intrusive contact.

4 Carmack Volcanics

4a - Massive andesite/basalt (no flow contacts seen), large sections with plagioclase phenocrysts in a dark green matrix, and large sections with no phenocrysts.

4b - Thin units (inferred from float) of sugary textured rhyolitic tuff with variable quartz eyes, +/- plagioclase and/or hornblende phenocrysts, variable (<1 %) disseminated sulphides (pyrite).

4c - Very rusty weathering siliceous fine grained fragmental (subrounded) rhyolite, with up to 10 % disseminated to patchy sulphides (pyrite, pyrrhotite(?)). The fragments are predominately sulphide bearing rhyolitic tuff, possible andesite/basalt fragments noted.

4d - Silicified/cherty (?) argillite, greenish or bluish black in colour.

3 Klotassin Intrusive Suite

A coarse grained foliated biotite hornblende granodiorite.

2 Metamorphic Suite

A medium grey quartz mica schist with variable quartz sweats subparrallel to foliation.

1 Metavolcanics

A dark green chlorite rich sheared/foliated metavolcanic, which in places exhibits a migamtic texture. Relationship with adjoining units uncertain. May be equivalent to the massive mafic volcanics of the Carmack Volcanics or be part of the Metamorphic Suite.

Note: the fault shown is inferred from the sheared Carmack Volcanics found at (A) and indicates that the Carmack Volcanics have been down dropped relative to the metavolcanics.

UTM Coordinates are Zone 7
Contour interval = 500 feet

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

Limit of Mapping traversed no outcrops noted

Geological Contact

0 500 1000 2000 3000

Metres

PLATE 1

Deltango Gold Limited

Au & P Claims

YUKON

535000 E

540000 E

545000 E

6995000 N

6990000 N

6986000 N

Au Claims

Cu Claims

P Claims

P Claims

P Claims

OGO Claims

White River

N

Silt Samples

3262 - Sample ID

Au / As / Sb / Bi

• Sample Location

Au ppb	Bi ppm	As ppm	Sb ppm
5.5	0.7	25	1.7
10.5	2.1	75	5.6
16	5.6	185	11.8
22	7.0	270	27
23	32	350	64
>23	>32	>350	>64

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 2

Deltango Gold Limited

Au & P Claims

YUKON

Silt Samples

535000 E
540000 E
545000 E
6995000 N
6990000 N
6986000 N

Au Claims
Cu Claims
P Claims
P Claims
P Claims
OGO Claims
White River

3262 - Sample ID
W Au Mo Bi
• Sample Location

Au ppb	Bi ppm	W ppm	Mo ppm
5.5	0.7	0.23	1.2
10.5	2.1	1.15	3.4
16	5.6	3.8	5.5
22	7.0	5.4	8
23	32	6.6	10.5
>23	>32	>6.6	>10.5

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 3

Deltango Gold Limited

Au & P Claims

YUKON

Silt Samples

3262 - Sample ID

Au / Te / Se / Hg

• Sample Location

Au ppb	Hg ppb	Te ppm	Se ppm
5.5	42	.027	0.4
10.5	60	.063	0.55
16	85	.237	0.8
22	110	.300	1.2
23	270	.338	1.3
>23	>270	>.338	>1.3

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 4

535000 E

540000 E

545000 E

6995000 N

6990000 N

6986000 N

N

Au Claims

Cu Claims

P Claims

P Claims

P Claims

OGO Claims

White River

Deltango Gold Limited

Au & P Claims

YUKON

535000 E
540000 E
545000 E
6995000 N
6990000 N
6986000 N

Au Claims
Cu Claims
P Claims
P Claims
P Claims
OGO Claims
White River

Silt Samples

3262 - Sample ID
Ag Au Cu Mo
Sample Location

Au ppb	Cu ppm	Ag ppm	Mo ppm
5.5	26	180	1.2
10.5	42	420	3.4
16	82	800	5.5
22	144	1800	8
23	175	2300	10.5
>23	>175	>2300	>10.5

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

NTS 115 N 01

UTM Zone 7

N

0 500 1000 2000 3000

Metres

PLATE 5

Deltango Gold Limited

Au & P Claims

YUKON

535000 E

540000 E

545000 E

6995000 N

6990000 N

6986000 N

Au Claims

Cu Claims

P Claims

P Claims

P Claims

OGO Claims

White River

Silt Samples

3262 - Sample ID

Ba Pb Zn Cu

• Sample Location

Zn ppm	Cu ppm	Ba ppm	Pb ppm
65	26	130	15
76	42	175	26
92	82	205	55
110	144	215	78
120	175	385	90
>120	>175	>385	>90

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 6

Deltango Gold Limited

Au & P Claims

YUKON

535000 E

540000 E

545000 E

6995000 N

6990000 N

6986000 N

Au Claims

Cu Claims

P Claims

P Claims

P Claims

OGO Claims

White River

Silt Samples

3262 - Sample ID

Ni Co Cr Cu

• Sample Location

Cr ppm	Cu ppm	Ni ppm	Co ppm
36	26	22	13
45	42	28	17
58	82	39	20
69	144	45	26
80	175	48	30
>80	>175	>48	>30

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

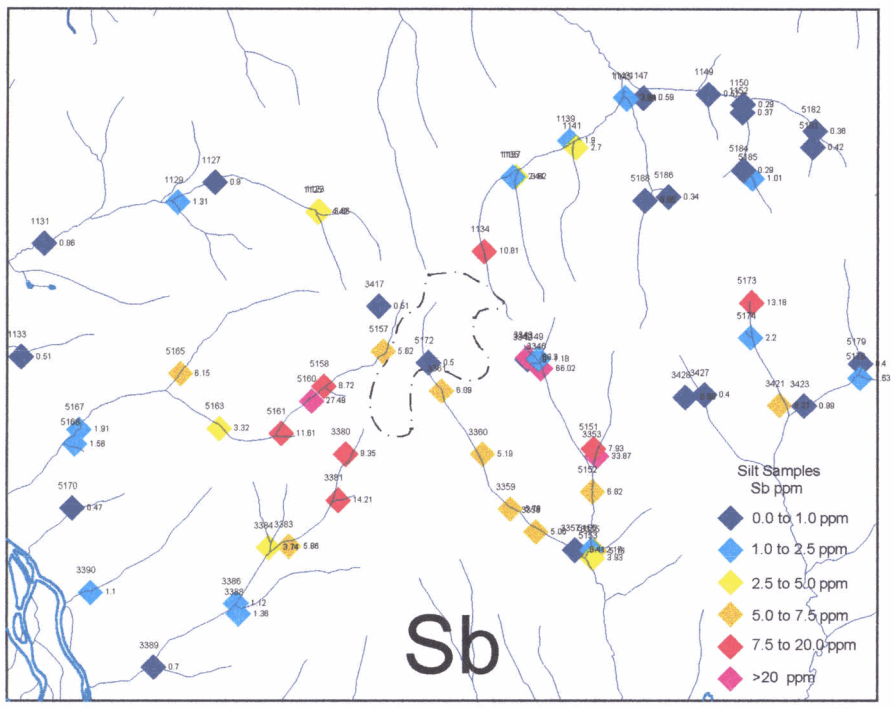
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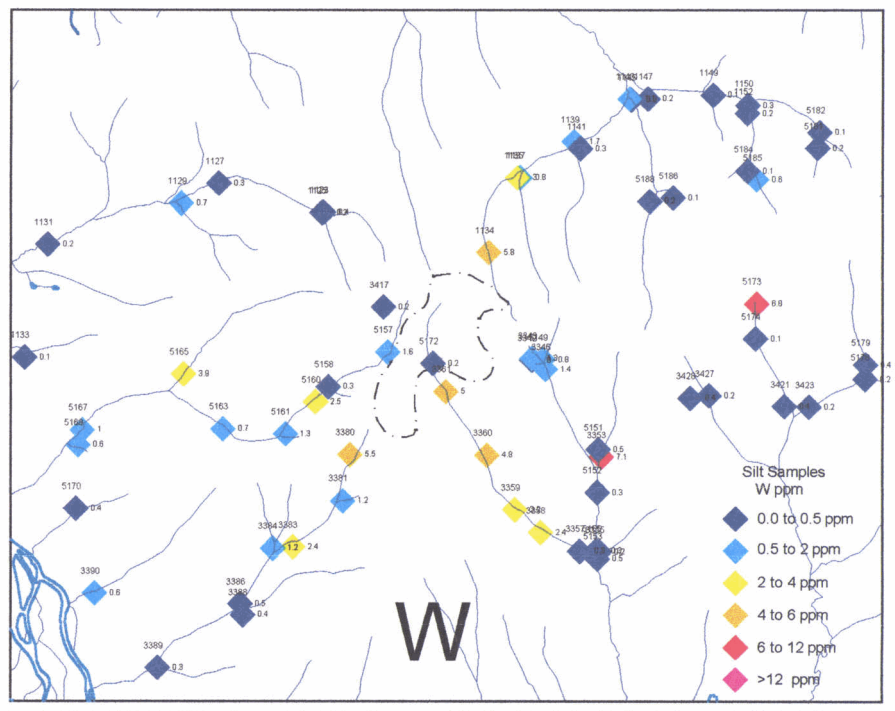
UTM Zone 7

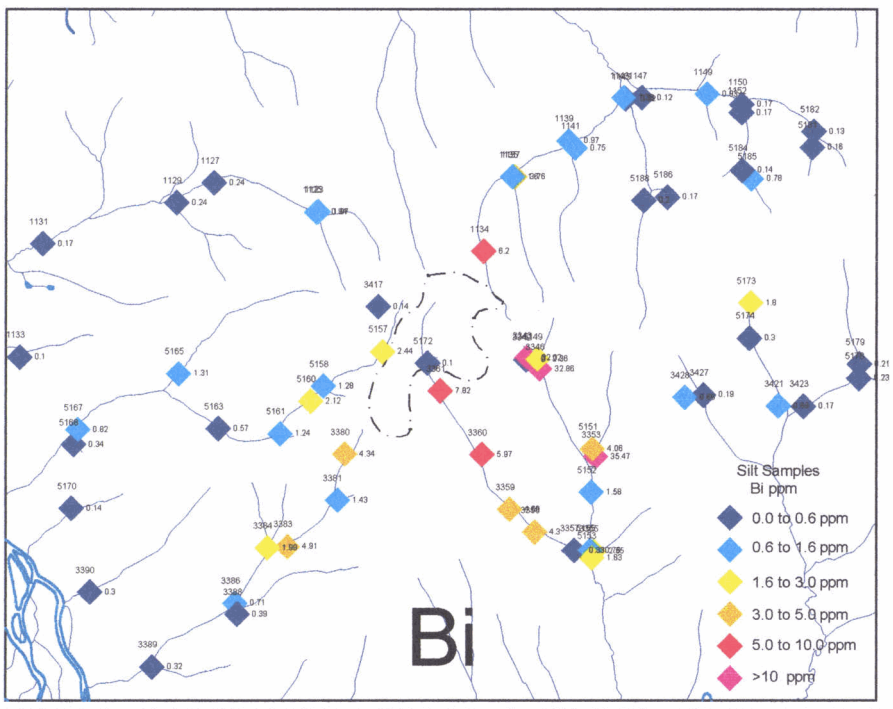
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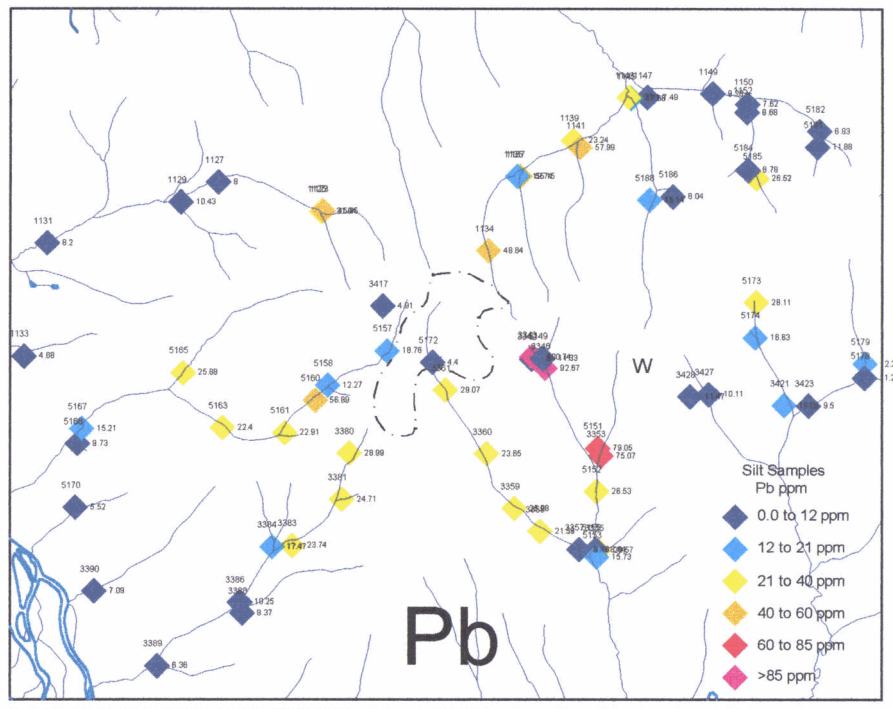
Metres

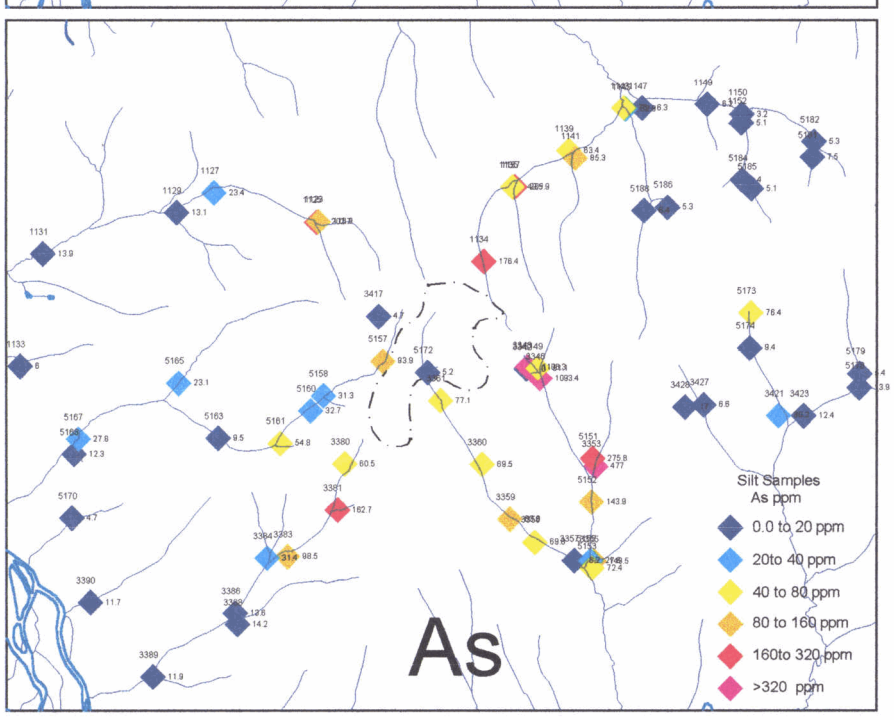
PLATE 7

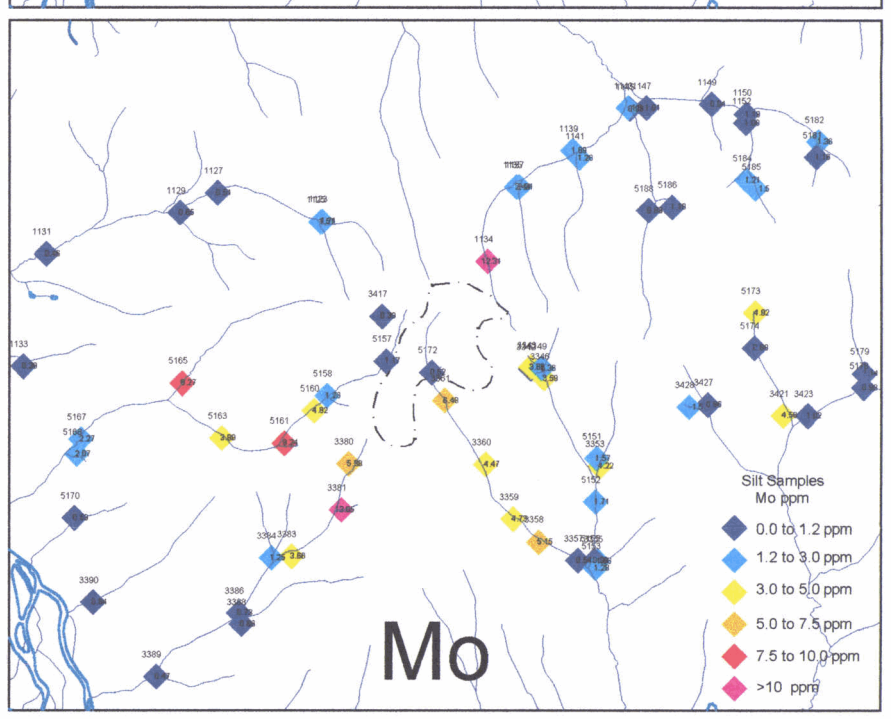


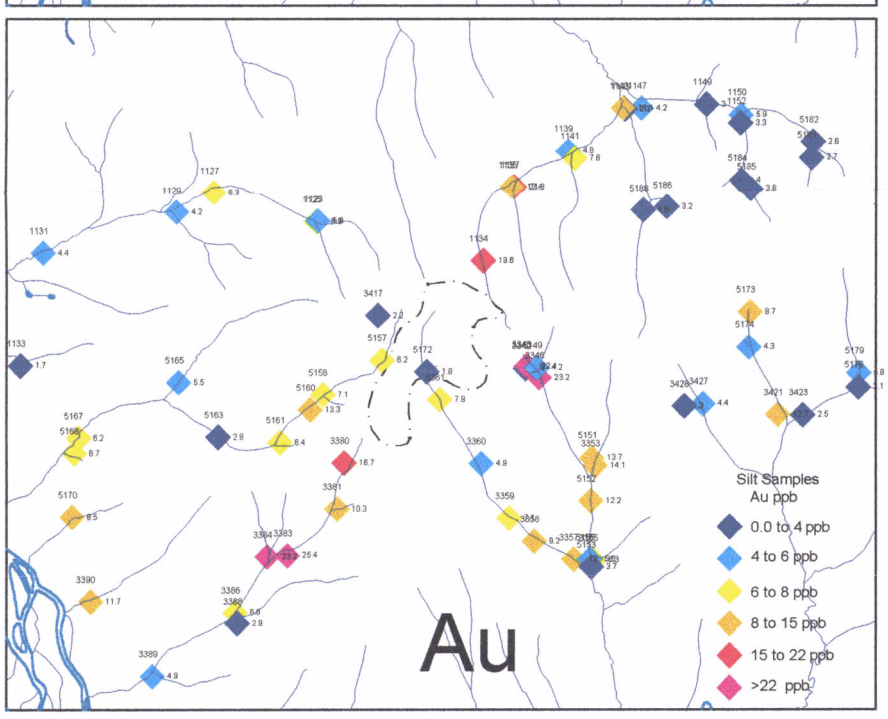


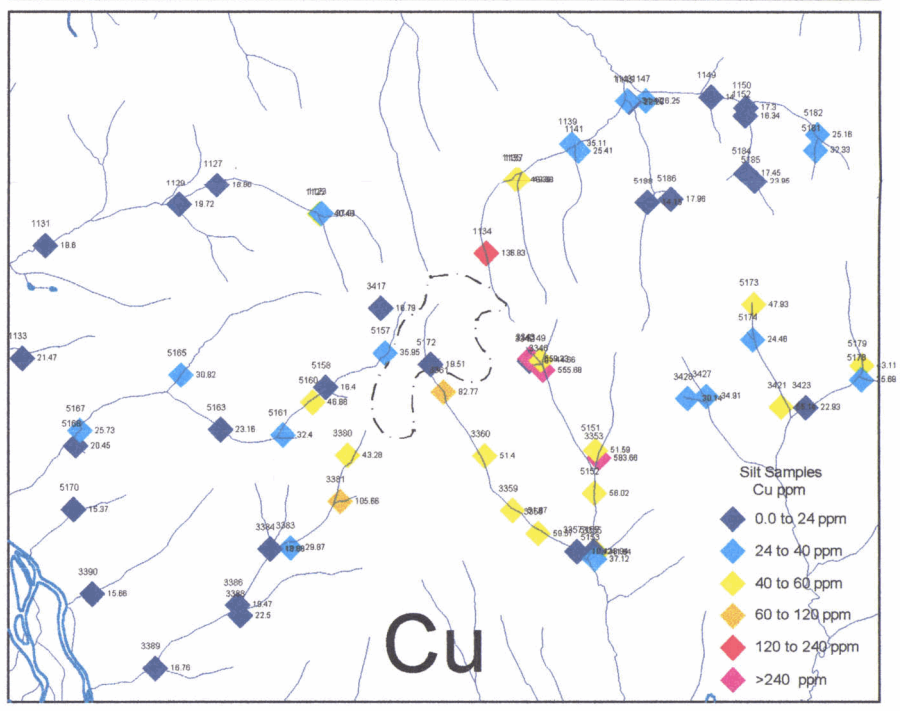












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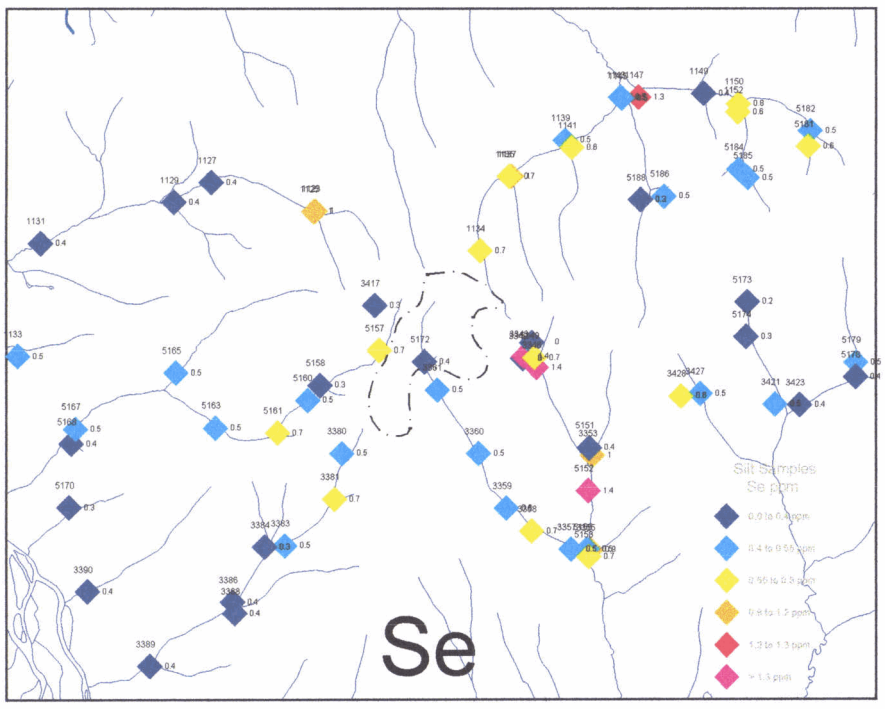
Au & P Claims Silt Geochemistry

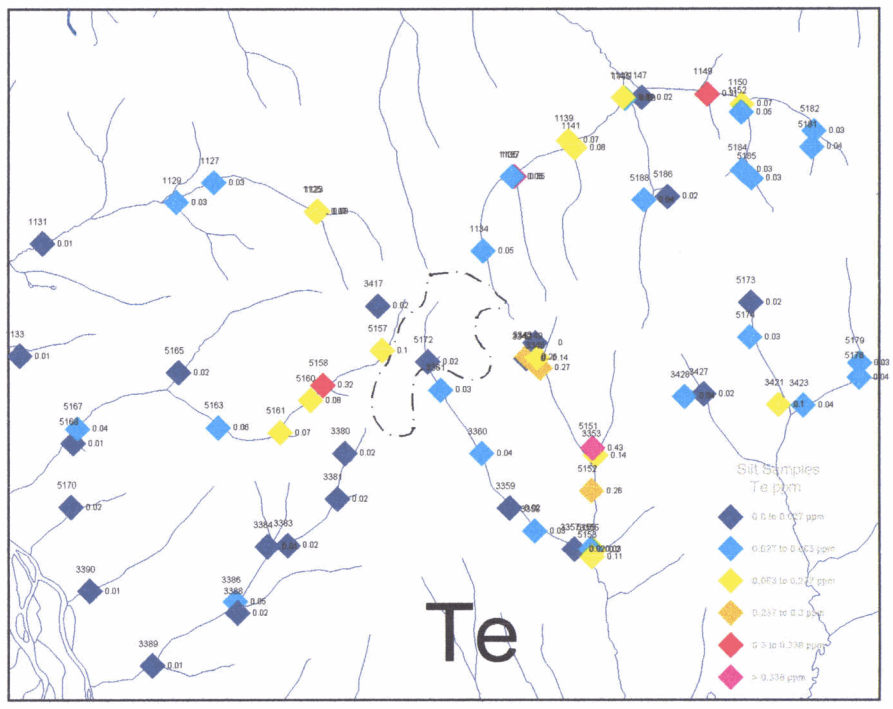
Outline of Unit 5, hornblende > biotite granite

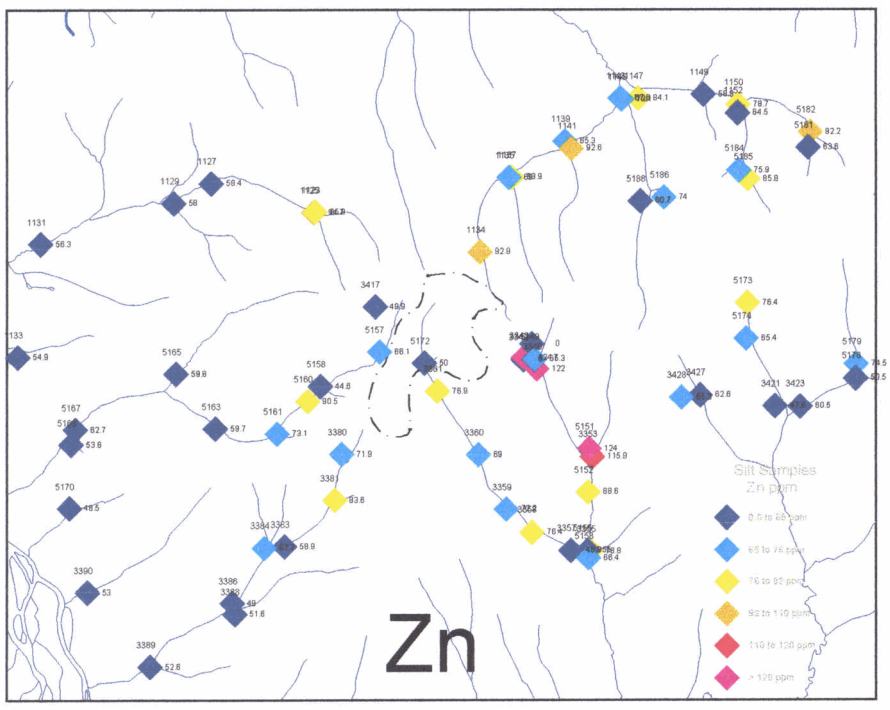
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Metres

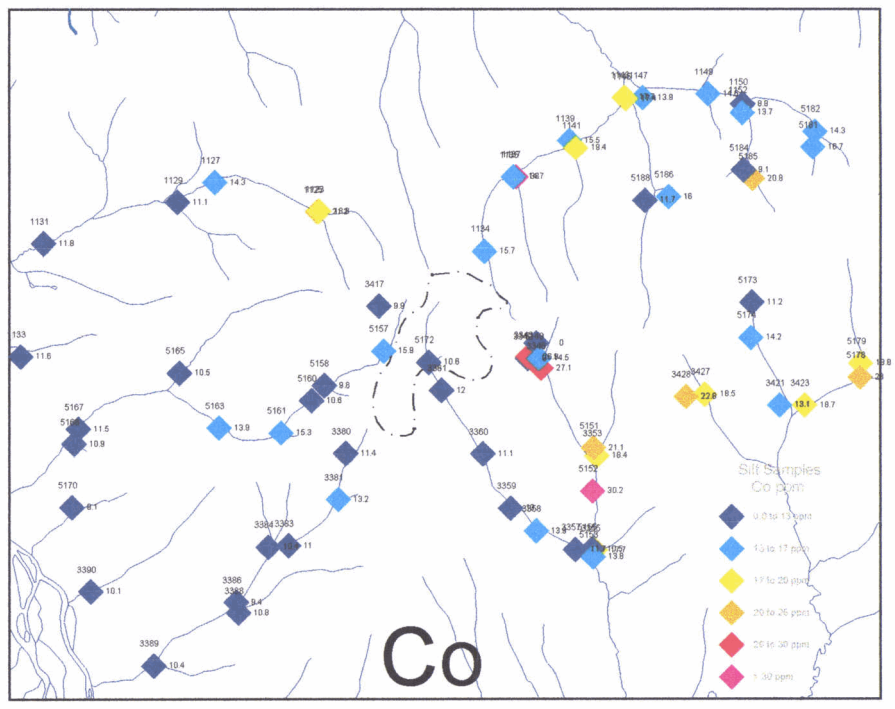
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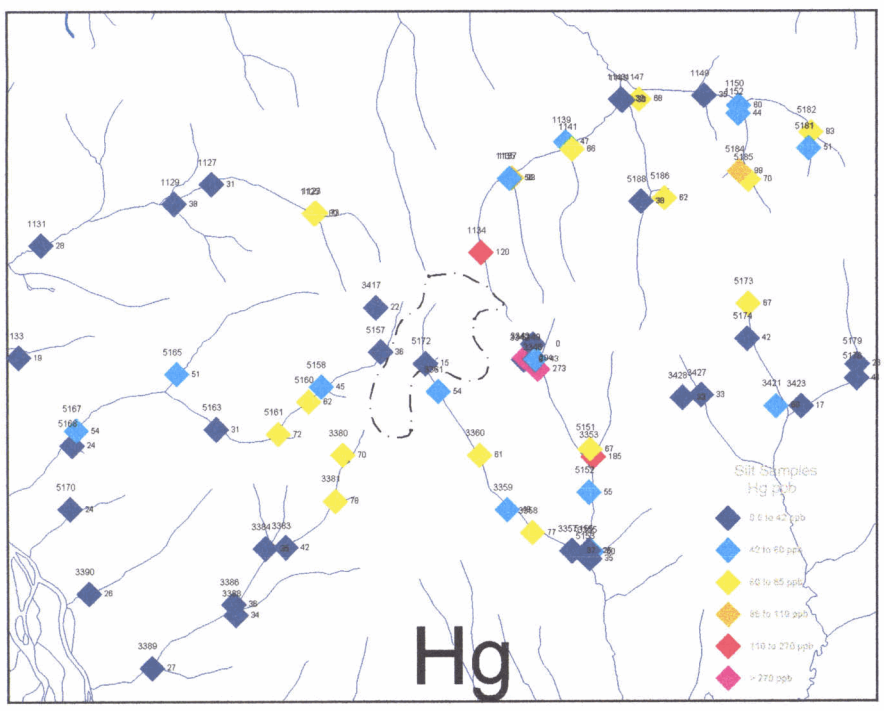
Plate 8

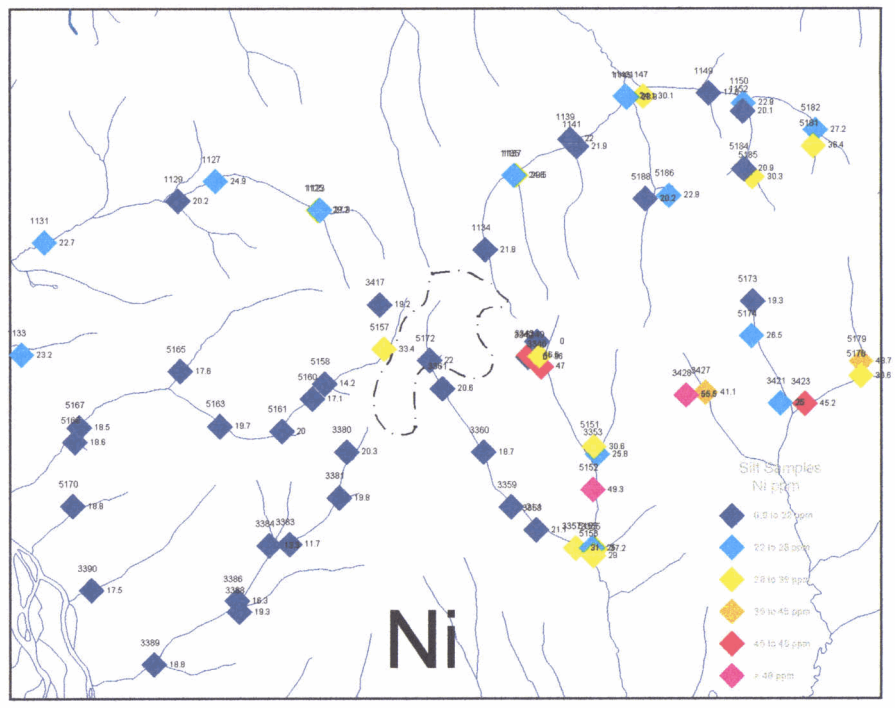


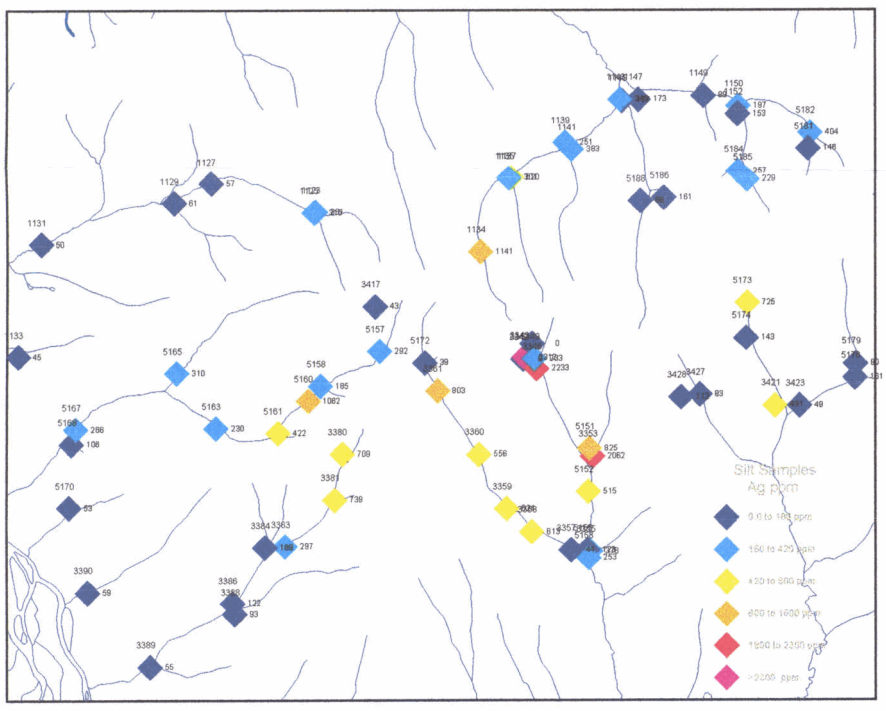


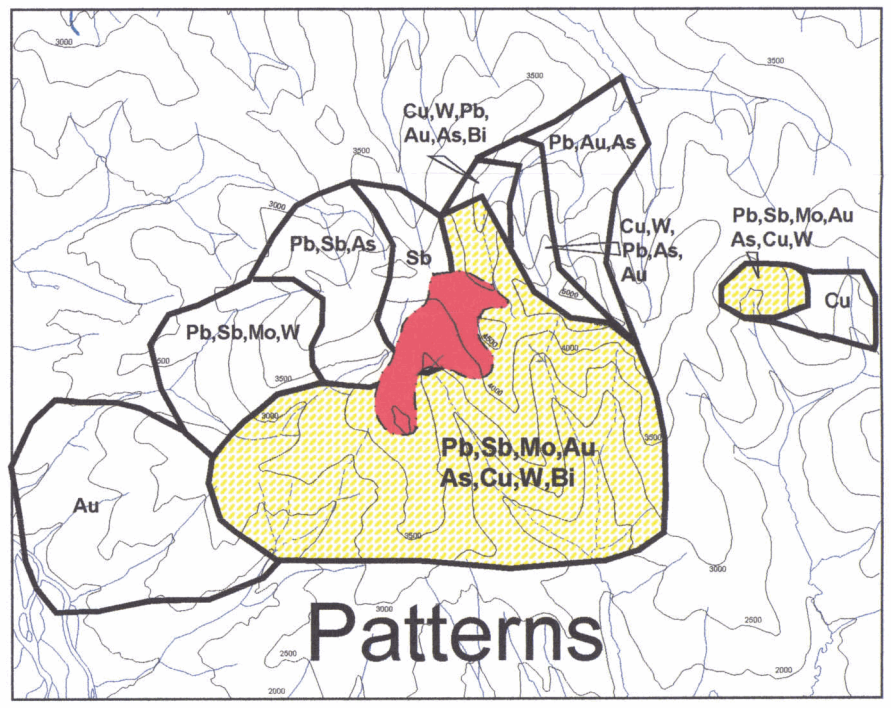












Deltango Gold Limited

Au & P Claims Silt Geochemistry

Outline of Unit 5, hornblende > biotite granite

Unit 5, hornblende > biotite granite

0 1000 2000 3000

Metres

N

Plate 9

Deltango Gold Limited

Au & P Claims

YUKON

535000 E | 540000 E | 545000 E

6995000 N | 6990000 N | 6986000 N

Au Claims

Cu Claims

P Claims

P Claims

P Claims

OGO Claims

1128 89 1.87 0.6 0.22

1126 248.8 5.77 1.4 0.59

1132 38.3 2.42 1.1 0.25

1130 33.9 4 2 0.39

1124 82.4 6.65 3 0.59

5164 38.4 3.55 0.9 1.32

5166 20.3 3.24 166.7 2.71

5162 12 3.22 23.4 2.54

5159 38 16.71 1.5 2.2

5169 6.3 0.8 0.5 0.36

3382 81.2 7.66 11.1 53.12

3385 54.8 4.38 1.7 2.45

3387 17.4 1.84 2.1 2.17

5171 44.6 18.19 1.2 2.73

1144 93.3 4.01 19.9 3.26

1148 4.1 0.52 1.5 0.02

1151 3 0.25 0.7 0.01

1140 116 4.05 3.8 1.31

1146 42.9 2.43 1.3 0.21

1136 86.7 4.55 3.1 6.55

1142 64.6 3.55 0.9 0.27

1153 3.3 0.23 2.3 0.17 0.2 0.01

5183 0.1 0.25

1138 193.4 4.58 8.7 2.57

5187 121.5 2.98 0.1 0.46

3345 272.6 67.74 2.4 22.45

5150 298.9 10.22 3.2 2.08

3352 337.6 11.85 3.3 4.73

5156 79.6 6.84 2.4 9.58

5154 194 12.88 3.1 4.36

3354 21 1.11 4.6 0.73

3356 79 10.14 2.3 82.91

3426 52 2.2 5.1 6.26

3420 29.5 1.87 3.6 0.53

5175 27.3 1.83 1 0.32

5180 12.5 0.38 0.1 0.13

5177 11.6 0.5 0.03

6.6 0.35 0.1 0.35

5179 5.9 0.47 1.2 0.14

9 0.44 0.7 1.05

3422 8.1 0.47 1.1 0.23

White River

Pan Samples

5148 - Sample ID
As Au
Sb Bi

• Sample Location

Au ppb	Bi ppm	As ppm	Sb ppm
1.2	0.5	34	2.9
3.0	2.3	82	5.3
8.3	6.2	190	11
19.3	22	290	16
23.2	52	330	18
>23.3	>52	>330	>18

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 10

Deltango Gold Limited

Au & P Claims

YUKON

535000 E
540000 E
545000 E
6995000 N
6990000 N
6985000 N

Au Claims
Cu Claims
P Claims
P Claims
OGO Claims
White River

1128 0.8 1.16 0.6 0.22
1126 0.6 1.35 1.4 0.59
1132 1.5 1.69 1.1 0.25
1130 2.4 1.63 2 0.39
1124 3.4 2.97 3 0.59
5164 3.3 2.4 0.9 1.32
5166 15 3.49 166.7 2.71
5162 4.2 4.86 23.4 2.54
5159 7.6 6.12 1.5 2.2
5169 0.4 2.38 0.5 0.36
3352 107.6 4.24 11.1 53.12
3385 2.8 2.26 1.7 2.45
3387 3.3 2.09 2.1 2.17
5171 23.5 4.76 1.2 2.73
1144 2.7 1.9 19.9 3.26
1148 1.1 1.9 1.5 0.02
1151 0.3 4.25 0.7 0.01
1140 1.4 2.35 3.8 1.31
1146 1.1 1.61 1.3 0.21
1136 27.8 3.36 3.1 6.55
1142 0.4 2.67 0.9 0.27
1138 1.3 3.33 8.7 2.57
5187 1.1 1.89 0.1 0.46
1153 1.9 2.47 2.7 4.3 0.2 0.01
5183 0.1 0.25
3345 28.1 5.35 2.4 22.45
5150 0.6 3.06 3.2 2.08
3352 2.8 4.27 3.3 4.73
5156 6.3 3.52 2.4 9.58
5164 3.3 2.48 3.1 4.36
3354 1 2.69 4.6 0.73
3356 270.5 6.09 2.3 82.91
3426 92.4 6.05 5.1 6.26
3420 1.4 2.88 3.6 0.53
5175 0.3 2.93 1 0.32
5180 0.2 1.64 0.1 0.13
5177 0.6 1.7 0.03
3424 0.8 2.16 0.1 0.35
3422 0.5 1.76 0.7 1.05
1.3 1.6 1.1 0.23
3.7 2.25 1.2 0.14

Pan Samples

5148 - Sample ID
W Au
Mo Bi

• Sample Location

Au ppb	Bi ppm	W ppm	Mo ppm
1.2	0.5	1.5	2.3
3.0	2.3	3.5	3.4
8.3	6.2	27	4.9
19.3	22	90	5.9
23.2	52	105	6.1
>23.3	>52	>105	>6.1

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 11

Deltango Gold Limited

Au & P Claims

YUKON

535000 E | 540000 E | 545000 E

6995000 N | 6990000 N | 6986000 N

Au Claims

Cu Claims

P Claims

P Claims

P Claims

OGO Claims

White River

1144 0.11 0.4 19.9 10
1148 0.04 0.5 1.5 9
1151 0.04 0.6 0.7 8
1140 0.05 0.4 3.8 6
1146 0.07 0.3 1.3 2.5
1136 0.06 0.2 3.1 6
1142 0.03 0.3 0.9 2.5
1153 0.02 0.3
5183 0.05 0.2 0.2 2.5 0.1 9
1138 0.11 0.5 8.7 7
5187 0.08 0.2 0.1 5
1128 0.05 0.2 0.6 11
1126 0.06 0.4 1.4 16
1132 0.03 0.3 1.1 8
1130 0.02 0.3 2 12
1124 0.05 0.3 3 11
5180 0.02 0.2 0.1 2.5
5171 0.01 0.1 1.2 2.5
3345 0.28 1 2.4 84
5164 0.02 0.3 0.9 6
5159 0.03 0.2 1.5 2.5
3426 0.1 0.7 5.1 2.5
5177 0.02 0.3 0.1 8
5166 0.02 0.3 166.7 5
5162 0.02 0.2 23.4 2.5
5150 0.3 0.8 3.2 6
3420 0.07 0.5 3.6 6
0.05 0.2 0.1 2.5
3424
0.04 0.3 1.2 6
5176
3352 0.38 0.8 3.3 13
5175 0.1 0.4 1 5
0.02 0.3 0.7 2.5
3422
0.04 0.3 1.1 8
5169 0.01 0.1 0.5 2.5
5156 0.03 0.2 2.4 6
3382 0.1 0.3 11.1 2.5
5164 0.16 0.5 3.1 15
3354
3356 0.12 0.3 2.3 2.5
0.09 0.8 4.6 18
3385 0.04 0.2 1.7 6
3387 0.02 0.2 2.1 6

5148 - Sample ID
Te Au
Se Hg

• Sample Location

Au ppb	Hg ppb	Te ppm	Se ppm
1.2	4.5	.045	0.2
3.0	6.3	.082	0.3
8.3	11	.11	0.6
19.3	15	.27	0.65
23.2	16	.29	0.7
>23.3	>16	>.29	>0.7

Value is Maximum for Range

Pan Samples

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 12

Deltango Gold Limited
Au & P Claims
YUKON

535000 E | 540000 E | 545000 E

6995000 N | 6990000 N | 6986000 N

Au Claims

Cu Claims

P Claims

P Claims

OGO Claims

White River

1128: 35 / 1.16 — 0.6 / 13.87
1126: 77 / 1.35 — 1.4 / 20.61
1132: 29 / 1.69 — 1.1 / 12.91
1130: 35 / 1.63 — 2 / 9.28
1124: 90 / 2.97 — 3 / 16.42
5164: 52 / 2.4 — 0.9 / 12.98
5166: 131 / 3.49 — 166.7 / 9.93
5162: 161 / 4.86 — 23.4 / 11.73
5159: 185 / 6.12 — 1.5 / 18.38
5169: 46 / 2.38 — 0.5 / 7.54
3382: 627 / 4.24 — 11.1 / 18.26
3385: 117 / 2.26 — 1.7 / 12.69
3387: 77 / 2.09 — 2.1 / 7.11
1144: 130 / 1.9 — 19.9 / 20.54
1148: 34 / 1.9 — 1.5 / 12.13
1151: 64 / 4.25 — 0.7 / 13.84
1140: 125 / 2.35 — 3.8 / 26.53
1136: 147 / 3.36 — 3.1 / 26.03
1142: 55 / 2.67 — 0.9 / 13.03
1146: 30 / 1.61 — 1.3 / 15.05
1153: 28 / 2.47 — 0.2 / 8.4
5183: 50 / 4.3 — 0.1 / 8.8
1138: 156 / 3.33 — 8.7 / 37.51
5187: 62 / 1.89 — 0.1 / 18.29
5171: 216 / 4.76 — 1.2 / 16.11
3345: 635 / 5.35 — 2.4 / 175.38
5180: 20 / 1.64 — 0.1 / 17.71
5177: 28 / 1.7 — 0.1 / 18.85
3426: 141 / 6.05 — 5.1 / 31.07
3424: 23 / 2.16 — 0.1 / 28.35
3420: 30 / 2.88 — 3.6 / 26.9
3178: 29 / 2.25 — 1.2 / 30.25
5175: 25 / 2.93 — 1 / 25.79
3422: 23 / 1.76 — 0.7 / 24.92
27 / 1.6 — 1.1 / 25.02
5150: 191 / 3.08 — 3.2 / 31.09
3352: 284 / 4.27 — 3.3 / 32.34
5156: 149 / 3.52 — 2.4 / 18.34
5154: 140 / 2.48 — 3.1 / 28.86
3354: 40 / 2.69 — 4.6 / 29.79
3356: 473 / 6.09 — 2.3 / 19.62

Pan Samples

5148 - Sample ID
Ag | Au
Mo | Cu

• Sample Location

Au ppb	Cu ppm	Ag ppm	Mo ppm
1.2	18	60	2.3
3.0	26	135	3.4
8.3	30	205	4.9
19.3	33	450	5.9
23.2	70	600	6.1
>23.3	>70	>600	>6.1

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

NTS 115 N 01

UTM Zone 7

N

0 500 1000 2000 3000

Metres

PLATE 13

Deltango Gold Limited

Au & P Claims

YUKON

535000 E | 540000 E | 545000 E

6995000 N | 6990000 N | 6986000 N

Au Claims

Cu Claims

P Claims

P Claims

OGO Claims

White River

1128 97.9 9.24 58.3 13.87

1126 123 17.42 87.3 20.61

1132 96.1 9.37 47.3 12.91

1130 109.3 11.2 37.6 9.28

1124 119.7 22.71 79.1 16.42

1144 75.2 30.32 50.1 20.54

1148 144.2 3.63 37.2 12.13

1151 168.3 4.07 39.6 13.84

1140 102.2 25.78 57.8 26.53

1146 73.5 11.89 48 15.05

1136 59.1 23.39 45.4 26.03

1142 60.4 21.07 41.6 13.03

1153 110.4 3.29 0.25 2.4 24.9 8.4

5183 0.6 8.8

1138 157.9 35.59 60.3 37.51

5187 77.9 18.93 65.7 18.29

5180 0.5 12.65 0.6 17.71

5164 84.5 11.77 39.1 12.98

5171 38.7 18.66 26.6 16.11

3345 88.6 45.34 59.4 175.38

5159 54.9 17.85 37.6 18.38

5166 88.6 10.79 28.4 9.93

5162 42.5 12.8 29.2 11.73

3426 83.1 20.02 76.4 31.07

5150 133.3 31.75 87.2 31.09

3420 79.6 12.29 58.1 26.9

3352 135.9 41.64 89 32.34

5175 80.9 12.71 59.8 25.79

5156 83.1 23.1 32.3 18.34

5154 102.2 24.1 61.5 28.86

3354 391.9 18.21 68.8 29.79

3356 92.9 31.6 40.4 19.62

5169 97.2 4.98 20.9 7.54

3382 126.4 38.15 47.3 18.26

3385 122.6 18.07 41.9 12.69

3387 103.3 8.3 33.2 7.11

5177 133.4 10.11 47.5 28.35

3424 132.6 10.05 50.4 30.25

5176 120.7 10.74 49.3 24.92

3422 118.2 9.78 48.1 25.02

Pan Samples

5148 - Sample ID

Ba Zn

Pb Cu

Sample Location

Zn ppm	Cu ppm	Ba ppm	Pb ppm
45	18	95	13
56	26	120	21
68	30	135	31
75	33	155	37
80	70	350	42
>80	>70	>350	>42

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

NTS 115 N 01

UTM Zone 7

N

0 500 1000 2000 3000

Metres

PLATE 14

Deltango Gold Limited

Au & P Claims

YUKON

535000 E
540000 E
545000 E
6995000 N
6990000 N
6986000 N

Au Claims
Cu Claims
P Claims
P Claims
OGO Claims
White River

1126 37.6 18.7 65.3 20.61
1128 27 14 51.7 13.87
1130 9 8.2 20.6 9.28
1132 19.8 11.4 37.7 12.91
1124 30 14 90.3 16.42
1136 15 8.8 32.4 26.03
1138 27.8 20.8 122.7 37.51
1140 18.1 13.7 39.7 26.53
1142 17.6 11.5 111.4 13.03
1144 20 13.1 29.5 20.54
1146 20.7 13.5 36.4 15.05
1148 15.7 5.9 15.4 12.13
1151 20.8 5.4 196.1 13.84
1153 10.1 6.4 14.8 2.1 13.9 8.4
5183 0.25 8.8
5187 26.3 17 54.6 18.29
5164 5.8 7.8 11.6 12.98
5166 9.6 7.1 127.3 9.93
5162 9.7 5.3 117.7 11.73
5159 5.8 6.9 17.5 18.38
5169 8 5.7 89.5 7.54
3382 10.7 12 133.5 18.26
3385 8.5 8.7 15.9 12.69
3387 7.3 7.7 29.3 7.11
5171 8.9 3.4 105.4 16.11
3345 22.3 8 34 175.38
5156 9.6 6.6 107.3 18.34
5150 47.5 21.3 92.9 31.09
3352 41.9 21.5 84.6 32.34
5154 36.5 18.3 64.5 28.86
3354 60.5 28.8 91.6 29.79
3356 15.8 9 55.7 19.62
3426 76.2 23.9 142.7 31.07
3420 63.3 31.1 92.8 26.9
5175 60.9 28.8 131.4 25.79
5180 32.6 16.8 0.25 17.71
3423 36.6 17.9 98.6 18.86
5177 39 16.3 125.8 28.35
3424 44.8 15 105.8 30.25
3426 45.7 20.2 126.7 24.92
3422 43.1 18.4 101 25.02

Pan Samples

5148 - Sample ID
Ni Cr
Co Cu

• Sample Location

Cr ppm	Cu ppm	Ni ppm	Co ppm
63	18	18	11
103	26	35	17
125	30	47	21
135	33	60	25
145	70	75	30
>145	>70	>75	>30

Value is Maximum for Range

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

N

NTS 115 N 01

UTM Zone 7

0 500 1000 2000 3000

Metres

PLATE 15

Deltango Gold Ltd.
Au & Cu Claims
YUKON

Soil Samples

As Au
Sb Bi

Sample ID
3173 Au, Bi, As, Sb
17.8, 0.21, 21.1, 0.78

Au ppb	ppm	ppm	Sb ppm
7.6	0.9	55	2.3
14.8	1.5	150	4.7
25.8	3.45	390	13.8
37	6.2	940	18.5
40	10	1000	21.5
>40	>10	>1000	>21.5

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

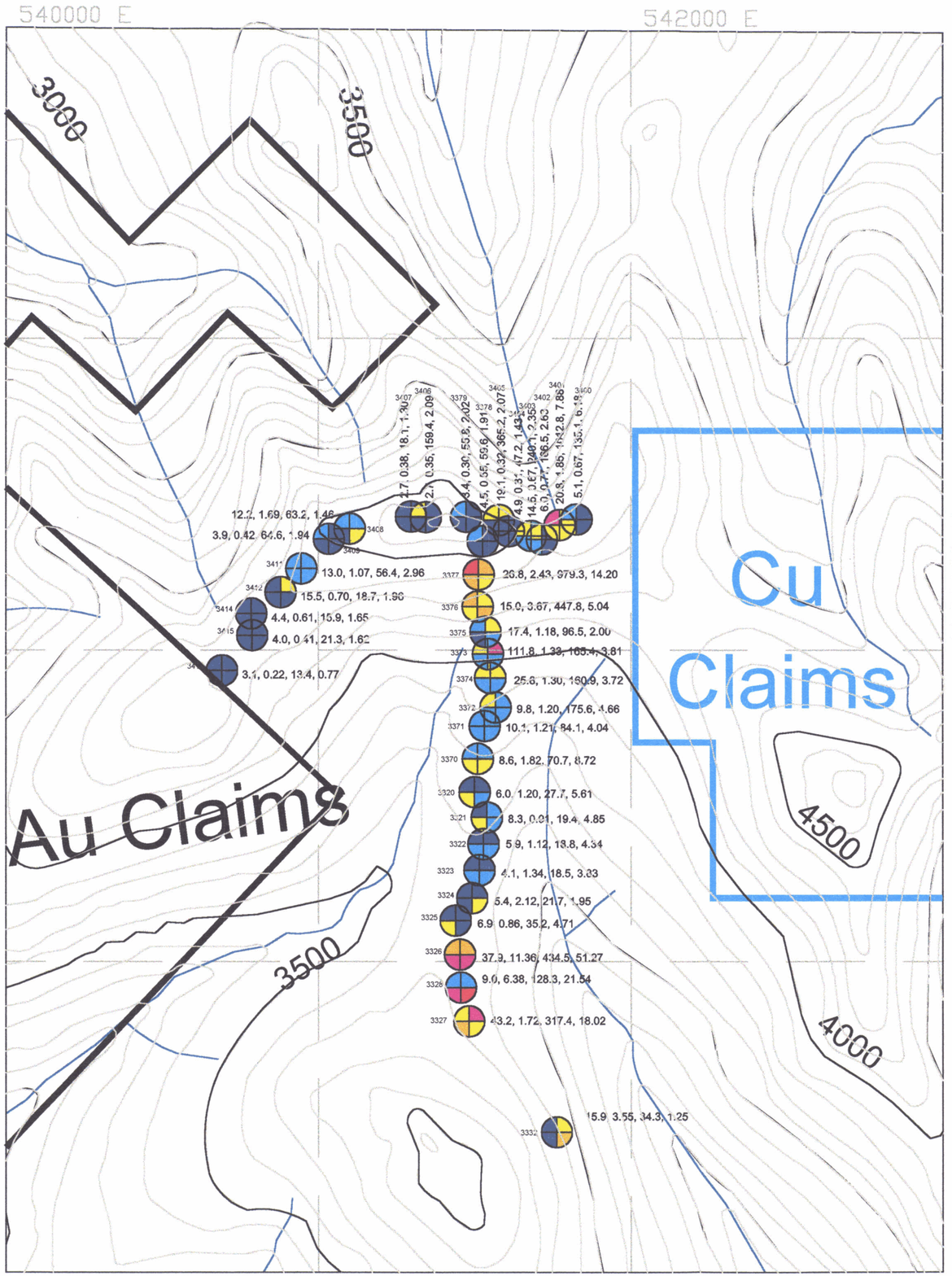
Limit of Mapping

Geological Contact

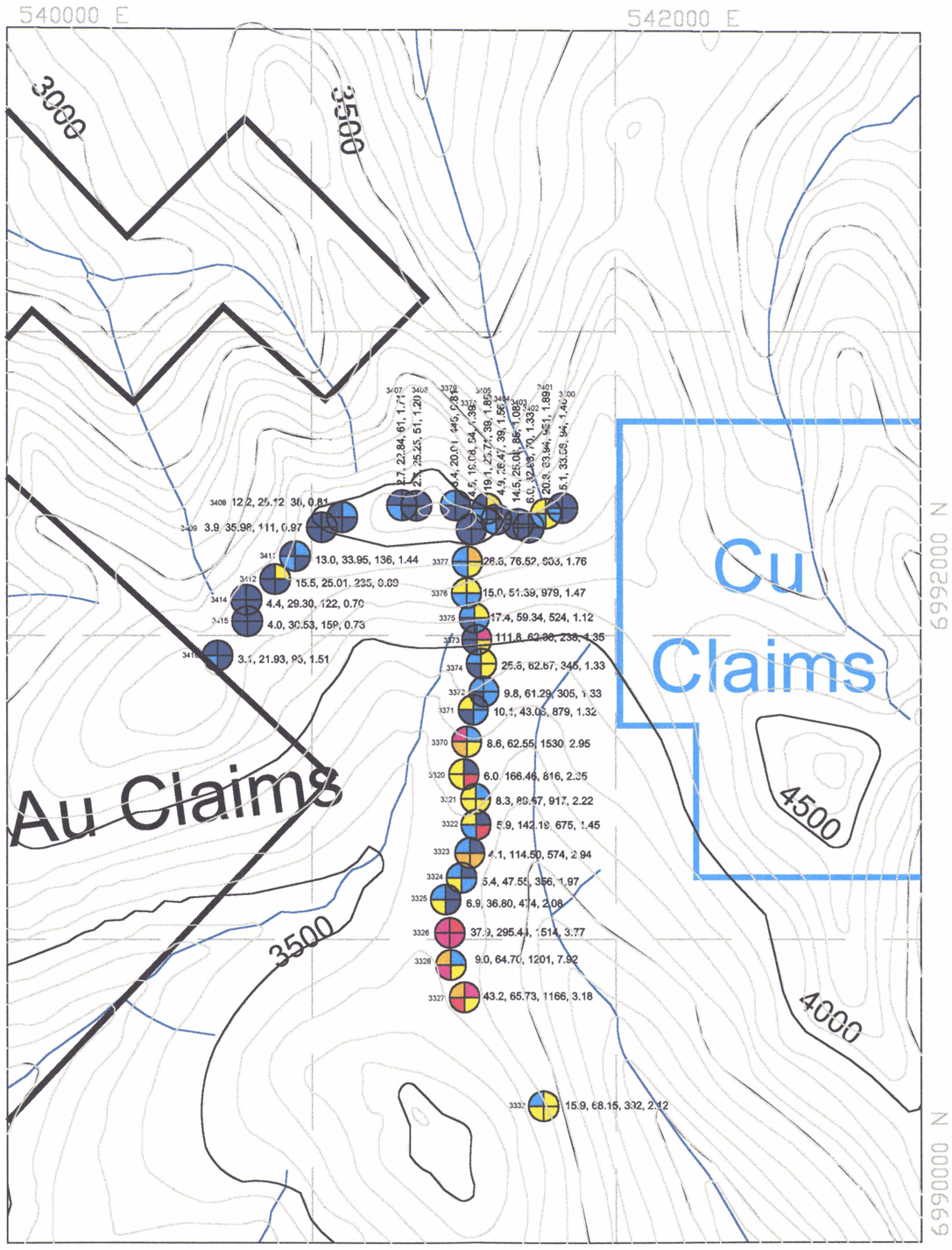
NTS 115 N 01
UTM Zone 7

0 100 200 400 600
Metres

PLATE 16



Deltango Gold Ltd.
Au & Cu Claims
YUKON
Soil Samples



Ag
Mo

Au
Cu

Sample ID
3173

Au, Cu, Ag, Mo
17.8, 0.21, 21.1, 0.78

	Au ppb	Cu ppm	Ag ppb	Mo ppm
	7.6	37	290	1.4
	14.8	62	660	1.9
	25.8	109	1160	2.85
	37	142	1470	3.1
	40	168	1500	3.6
	>40	>168	>1500	>3.6

Claim Outlines

AU — Deltango Gold Ltd. Claims

BINGO — Other Claims

Limit of Mapping

Geological Contact

NTS 115 N 01
UTM Zone 7

0 100 200 400 600
Metres

PLATE 17

Appendix E

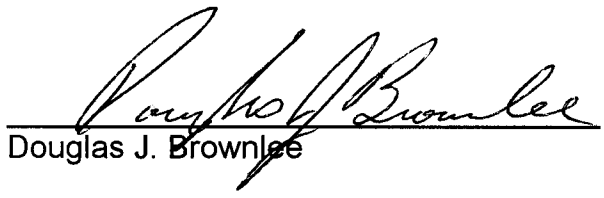
Statement of Qualifications

Statement of Qualifications

I, **Douglas J. Brownlee**, of 47 12th Ave, Whitehorse Yukon, hereby certify that:

1. I am a graduate of the University of Alberta with a BSc Specialization in Geology (1980).
2. I have practised my profession since January, 1980.
3. I am a Professional Geologist registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1987.
4. I am a Fellow of the Geological Association of Canada since 1987.
5. I supervised and participated in the exploration program on which this report is based.

Dated this sixth day of December in the year 2000 at Whitehorse Yukon



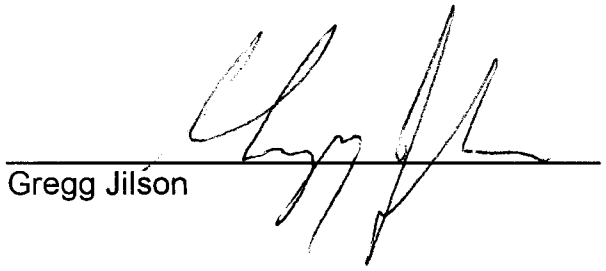
Douglas J. Brownlee

Statement of Qualifications

I, **Gregg Jilson**, of 38 Dawson Road, Whitehorse, Yukon Y1A 5T6 hereby certify:

1. I designed and supervised the work programme described in this report;
2. I am a graduate of the University of California at Davis and was granted a degree of Bachelor of Science with a major in Geology in 1972;
3. I have been engaged in exploration in Yukon since 1969 and have managed exploration programmes in Yukon since 1975;
4. I am an officer of Deltango Gold Limited and am authorized by that company to submit this report on its behalf.

Dated this second day of December in the year 2000 at Whitehorse Yukon



Gregg Jilson