REPORT ON THE 1988 GEOLOGICAL AND GEOCHEMICAL ASSESSMENT WORK ON THE HEADWATERS PROJECT

Dawson M.D., Yukon

Claims: Rod 1-74 (YB04668-741)
Ney 1-40 (YB04742-781)

Location:
1. 73 km W of Dawson, Yukon
2. NTS Sheets 115N/15 and 116C/2
3. Latitude 64° 00'N
   Longitude 139° 49' W

For: **Layfield Resources Inc.**
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Vancouver, B.C.
V6C 1H2

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February 28, 1989

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 $ 35,000.00.

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

SUMMARY

Layfield Resources Inc.'s Headwaters Project consists of 114 mineral claims in two separate blocks in the Dawson Mining District, Yukon. The claims are accessible by road from Dawson.

Precambrian to Paleozoic metamorphic rocks of the Yukon Group underlie the western part of the property where they are in fault contact with Cretaceous andesitic strata of the Carmacks Volcanics. A similar geological setting hosts gold-silver mineralization in the Mt. Nansen area.

The first recorded mineral exploration in the area took place in 1892, when placer gold and cinnabar were discovered in Miller Creek and Sixtymile River. Subsequent prospecting has resulted in the discovery of silver, lead, zinc, and copper vein-type and skarn-type occurrences, but no adequate source for the placer gold deposits has been identified. The objective of the Headwaters Project is to assess the precious metal bearing potential of the area.

Results of the 1988 work program on the Headwaters Project have identified two new zones of epithermal-style hydrothermal alteration; (1) the Jasper Pit zone has chalcedony, quartz, jasper, carbonate, and pyrophyllite filled fractures carrying anomalous concentrations of gold (81 ppb), arsenic (244 ppm), and mercury (270 ppb), and (2) clay altered and scorodite stained gneissic rocks carrying anomalous amounts of gold (20 ppb), arsenic (482 ppm), and mercury (603,900 ppb). Both of these zones occur in areas of little outcrop close to the assumed trend of a northeast fault separating the Cretaceous volcanics from the older metamorphic rocks.

Further to the northeast, a significant multi-element soil anomaly closely parallels the trend of the main northeast fault. Within the anomaly, gold ranges up to 825 ppb, silver to 2.8 ppm, arsenic to 1056 ppm, and mercury to 12,000 ppb. There is no outcrop in the area.

Based on these results, continued exploration consisting of air photo interpretation, geochemical sampling, geological mapping, geophysical surveying, and trenching are warranted and recommended.

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INTRODUCTION

This report was prepared at the request of Mr. Mark Aplas, President of Layfield Resources Inc. Its purpose is to assess the economic potential of the Company's *Rod* and *Ney* claims, collectively termed the Headwaters Project, through a description of exploration work carried out in 1988.

The property is located 73 km west of Dawson, Yukon and is accessible by road.

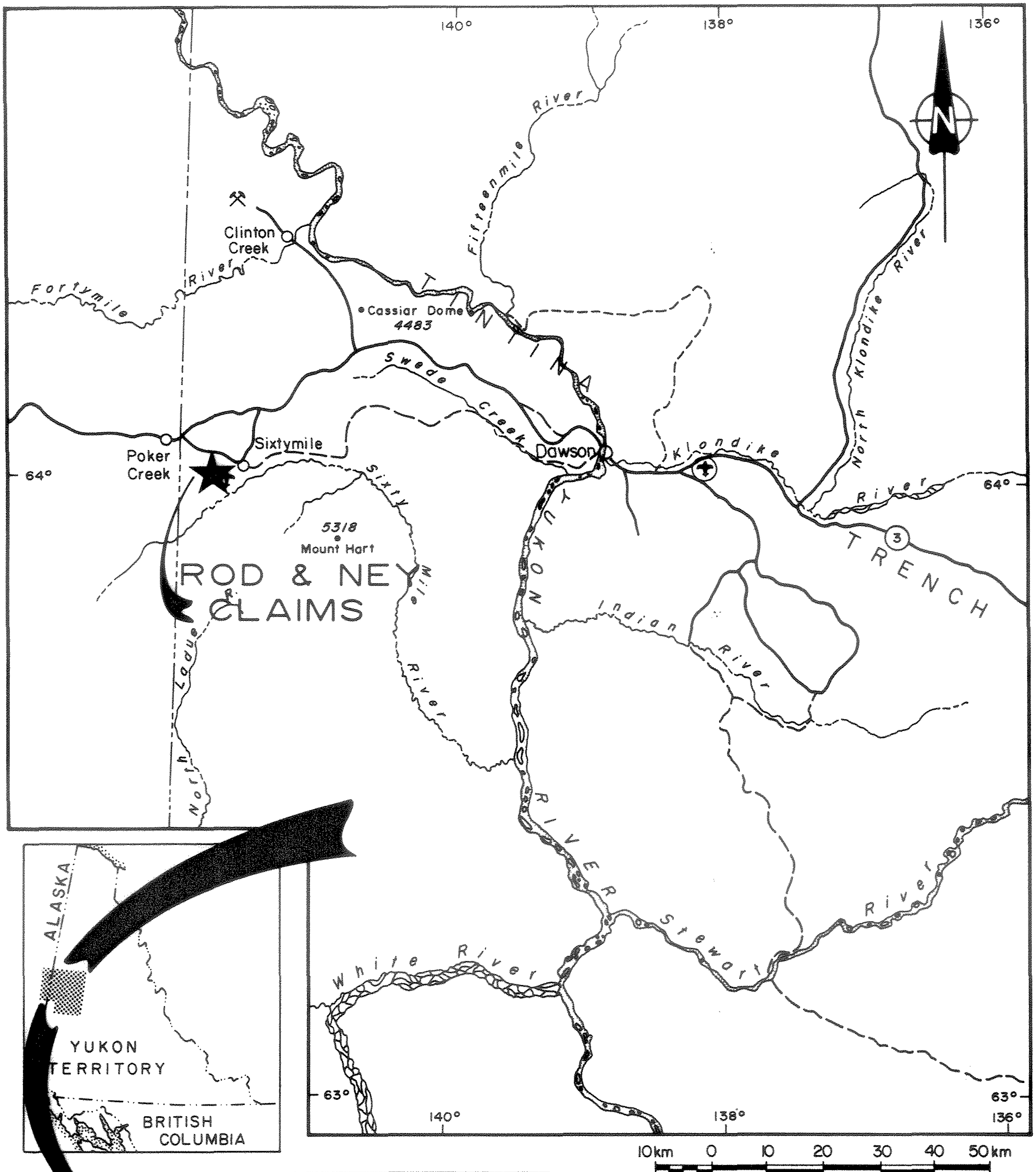
Exploration work completed during the period September 6 to October 7, 1988 consisted of prospecting, geochemical sampling, geological mapping, geophysical surveying, and trenching. Supervision was by H. Keyser, assisted by S. Dudka, R. Hulstein, A. Cormier, B. Sauer, C. O'Brien, J. Hunt, and T. Ballantyne, all of Aurum Geological Consultants Inc. C.M. Rebagliati, P.Eng. advised on several geological and geochemical investigations.

Accommodation for the project was at a tent camp owned by Croesus Resources Inc. at Sixtymile River. 4WD trucks provided daily access to the project area.

LOCATION AND ACCESS

The Headwaters Project area is located in west-central Yukon, about 73 km west of Dawson at 64° 00' N and 139° 49' W (NTS Sheets 115 N/15 and 116 C/2; Figure 1). The property covers the ridges between Bedrock Creek and Miller Creek, and between Miller Creek and Glacier Creek, north of the Sixtymile River.

Access to the property can be gained by the "Top of the World" Highway leading from Dawson, Yukon to Fairbanks, Alaska, a road distance of approximately 100 km. Numerous gravel roads serving active placer mining operations in the Sixtymile River area provide access to all parts of the Headwaters Project.



LAYFIELD RESOURCES INC.

HEADWATERS PROJECT
DAWSON MINING DISTRICT

LOCATION

Aurum Geological Consultants Inc.			DECEMBER, 1988
	DRAWN BY NH	SCALE 1:1,000,000	FIGURE : 1

PROPERTY

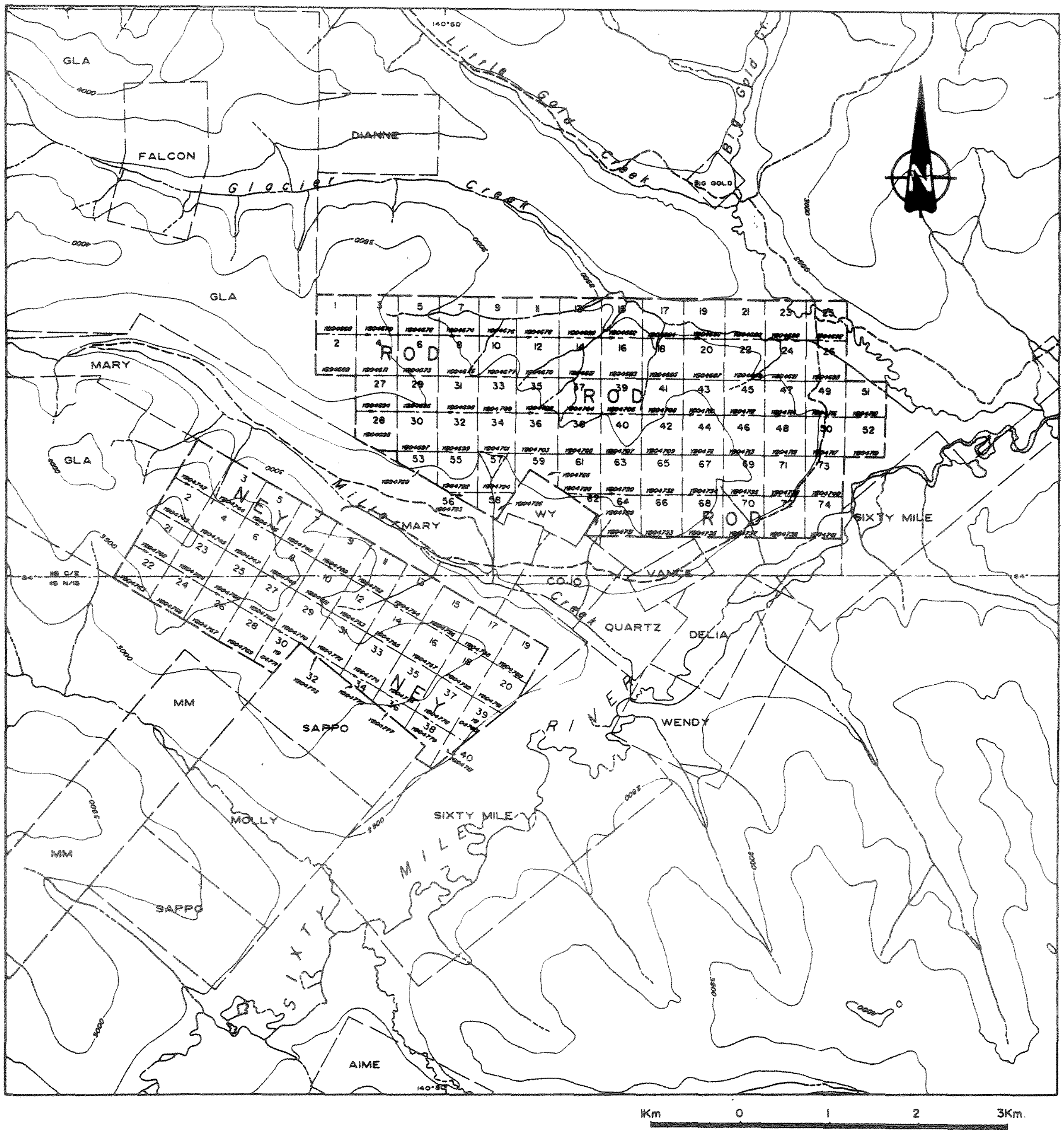
The Headwaters Project consists of 114 unsurveyed two-post mineral claims (Figure 2) staked according to the Yukon Quartz Mining Act and covering about 2,300 hectares in two non-contiguous claim blocks. Claim data are as follows:

Claim Name	Grant Number	Recording Date	Expiry Date*
Rod 1-74	YB04668-741	Feb. 19, 1988	Feb. 19, 1992
Ney 1-40	YB04742-781	Feb. 19, 1988	Feb. 19, 1991

* subject to approval of 1988 assessment work.

The *Rod* and *Ney* claims are shown on Yukon Quartz Sheets 115 N-15 and 116 C-2 (Dawson Mining District), and are known collectively as the Headwaters Project.

Golden Rum Resources Limited of Whitehorse, Yukon acquired the *Rod* and *Ney* claims by staking in February 1988, and subsequently transferred the claims to Mr. Jon Bergvinson by agreement dated February 25, 1988. Layfield Resources Inc. then optioned the ground by agreement dated August 30, 1988.



LEGEND

- claim boundary
- 74 claim number
- tag number
- staking direction
- creek, river
- 4WD road
- elevation contour; interval 500 ft.

Note: adapted from D.I.A.N.D. map sheets 115 N/15 and 116 C/2 revised July 4, 1988.

LAYFIELD RESOURCES INC.

ROD & NEY CLAIMS

DAWSON MINING DISTRICT

CLAIM MAP

Aurum Geological Consultants Inc.		December, 1988	
NTS 115 N/15&116 C/2	DRAWN BY N.H.	SCALE 1:63,360	FIGURE: 2

HISTORY

Placer gold was first discovered in the Sixtymile River area in 1892 by miners crossing the divide from the Fortymile goldfields in Alaska (Cockfield 1921). Recorded production for the periods 1892 to 1917 and 1978 to 1984 total 177,038 ounces gold (Cockfield 1921, and Debicki and Gilbert 1986). Records are not available for the period 1918 to 1977, although significant placer mining took place. The majority of placer gold production has come from Miller Creek, and from the Sixtymile River valley and its northern tributaries including Bedrock Creek, Glacier Creek, Big Gold Creek, Little Gold Creek, and Fivemile Creek. Historically one of the richest areas has been the lower part of WY Gulch and Miller Creek immediately below WY Gulch. Cinnabar is recovered with gold from placer workings in this area. There has been no significant placer gold production from any southern tributaries to Sixtymile River in the Headwaters Project area.

There is no record of lode exploration having been undertaken on ground now covered by the Headwaters Project prior to 1965, although there was undoubtedly extensive prospecting. In that year, a private program of lithogeochemistry and trenching was carried out on the northeast side of Miller Creek in an attempt to identify the source of cinnabar recovered in placer concentrates in Miller Creek. Results of the work outlined initial lithologic distributions and anomalous mercury values exceeding 100 ppm in a fractured quartz porphyry intrusive (Millar 1965). No cinnabar mineralization was recognized and the claims were allowed to lapse. The potential for gold mineralization was not addressed. Maps available from this work are of insufficient quality to determine locations of anomalous results.

In February 1988 the ground covering the headwaters area of Miller Creek was evaluated using epithermal criteria by Aurum Geological Consultants Inc. for Golden Rum Resources Limited as a potential source of the rich placer gold deposits in Miller Creek. This work culminated in the staking of 114 claims to cover potentially favorable ground. Layfield Resources Inc. acquired the claims in August 1988.

CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the Headwaters Project is variable, with hot summers and long cold winters. Precipitation is light, averaging about 45 cm (Green 1972) annually.

The area of investigation is situated within the Dawson Range physiographic province, which was not affected by Pleistocene glaciation. Topography is moderate and is characterized by well developed dendritic drainages separated by broad grass and shrub covered ridges. Elevations on the property range from 700 to 1,200 meters, yielding a total relief of 500 meters. Bedrock exposures are virtually restricted to road cuts, creek beds, placer pits, and some ridges.

Permafrost is present throughout. Frozen organic overburden containing rare vertebrate remains is not uncommon at elevations below 900 meters.

Vegetation consists of stunted spruce, balsam, birch, and poplar forests with locally thick shrub underbrush. Alpine vegetation is restricted to areas higher than 1,150 meters.

Sufficient water sources are available for any exploration or mining requirement.

GEOLOGY

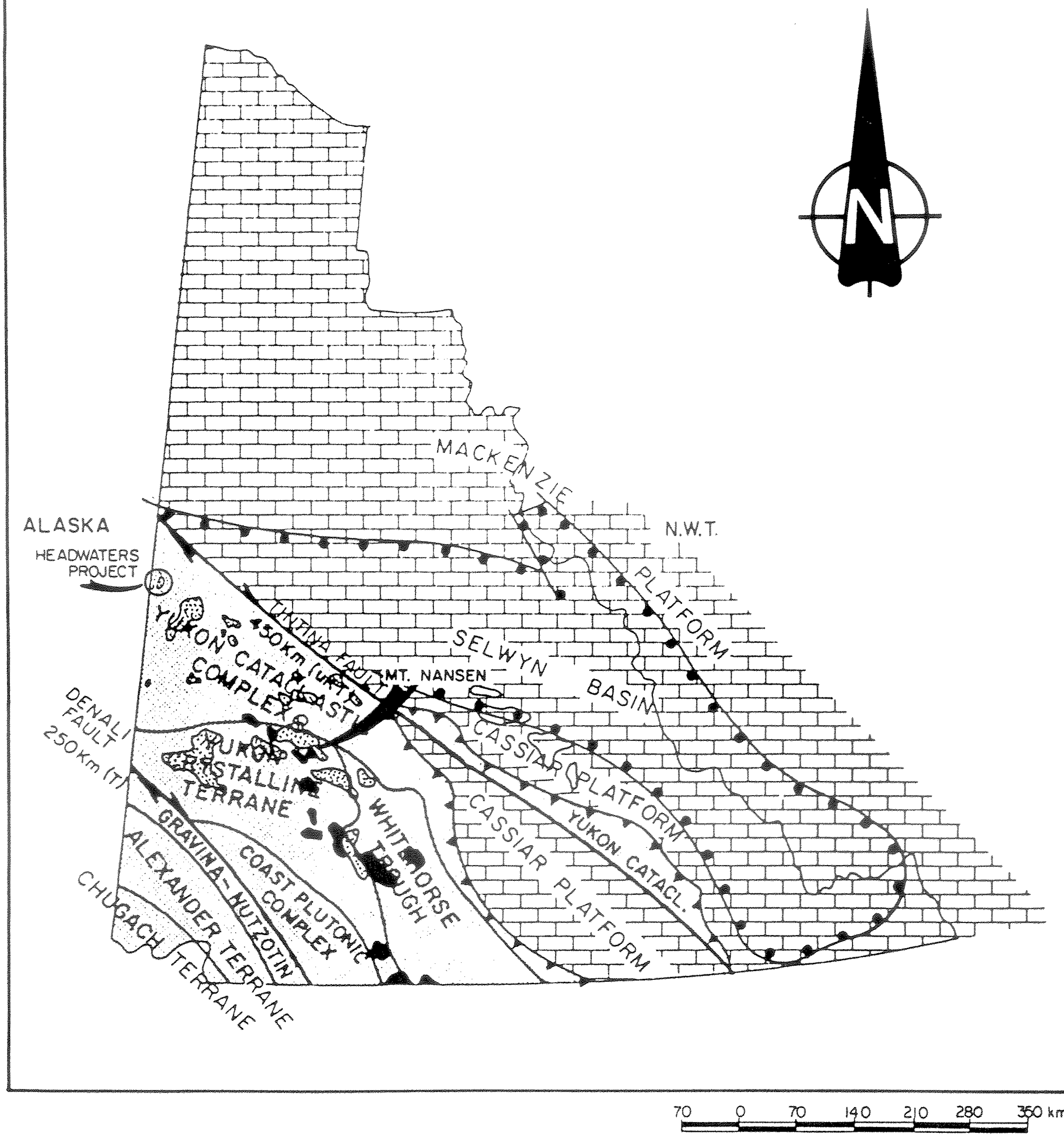
Regional Geology

The Headwaters Project area is situated within the Yukon Cataclastic Complex (Figure 3) in the northern part of the Omineca Tectonic Belt. Regional geology has been described previously by Cockfield (1921), Tempelman-Kluit (1974 and 1981), Green (1980), and Mortensen (1988).

The oldest rocks exposed in the Sixtymile River area are the Pelly Gneiss, Klondike Schist, and Nasina Quartzite (comprising the Yukon Group) which are accreted rocks of upper Proterozoic (Tempelman-Kluit 1974) to lower Paleozoic (Green 1972) age. These greenschist to lower amphibolite facies metamorphic rocks have been locally intruded by Mesozoic granitoid rocks.

Cretaceous (Lowey 1982, Lowey et al 1986) to Tertiary (Tempelman-Kluit 1974, Green 1980) basaltic to rhyolitic volcanics, quartz feldspar porphyries, diorite plugs, and related sediments are exposed in several areas in the Sixtymile River-Miller Creek area. Tempelman-Kluit (1974) has assigned these rocks to the Carmacks Volcanics; however Glasmacher (1984) considers them as part of the Mt. Nansen Group. Brecciated porphyry intrusive centers related to equivalent rocks in the Mt. Nansen area, about 270 km to the southeast, host significant low grade high-tonnage gold deposits partly in leached caps overlying porphyry copper deposits (Carlson 1987). In addition, a number of high grade gold-silver bearing vein deposits in the Mt. Nansen-Mt. Freegold area are closely associated with felsic dike emplacement related to the Mt. Nansen Group volcanics (McInnes et al 1988).

Regional structure is highly influenced by the Tintina Fault, a steeply dipping, northwest trending dextral fault mapped 35 km northeast of the Headwaters Project. This fault is thought to be age-equivalent to the Mt. Nansen Group (Tempelman-Kluit, *personal communication 1988*).



SELKIRK (QT: ± 1 Ma)
[+] basalt
SOUTHFORK VOLCANICS (K: 100 Ma)
[ ] andesite, rhyolite
CARMACKS GROUP (uKT: 70 Ma)
[dotted] basalt
MOUNT NANSEN GROUP (uKT: 70 Ma)
[black] andesite

LAYFIELD RESOURCES INC.			
HEADWATERS PROJECT			
REGIONAL GEOLOGY			
Aurum Geological Consultants Inc.		DECEMBER, 1988	
	DRAWN BY GS	SCALE 1:7000 000	FIGURE 3

NOTE: Modified from Tempelman-Kluit, 1981

Most significant lode mineral occurrences in the Sixtymile River area are controlled by northeast trending fracture systems in Yukon Group crystalline rocks. Mineralization is also known in Mesozoic granitoid rocks, and in skarn-type occurrences hosted in Yukon Group marble-intrusive contact zones.

Within the Sixtymile River drainage basin, surficial geology is comprised of valley bottom gulch gravel, broad alluvial plain and fan deposits, and high level terrace systems (Cockfield 1921, Hughes et al 1986). Terrace development and incision coincided with significant debris flow sedimentation. Hughes et al (1986) report that placer gold concentrations decrease above bedrock surfaces and also decrease distally in the Miller Creek fan sequence. Discontinuous local point sources are suggested for the placer gold (Glasmacher 1984, Hughes et al 1986).

Geology of the Rod and Ney Claims

Rock outcrops on the property are scarce and deeply weathered, owing to the pre-Quaternary weathered surface that escaped Pleistocene glaciation.

The oldest and most common rocks exposed on the Headwaters Project claims are schists, quartzites, and gneisses of the Proterozoic to Paleozoic Nasina Quartzite (Figures 4 and 5). Mapped varieties include mainly quartz-mica schist, but also quartzite, marble, rare garnet-biotite gneiss and black shale. Foliation, which overprints bedding, trends northeast-southwest and dips moderately northeast. Primary structures were not observed.

At one location on the *Ney* claims, scree and rubble comprise a dense dark green partly serpentinized ultramafite. Green (1972) considers that these rocks were intruded into the older metamorphic rocks, and are probably Permian to Triassic in age. However, Mortensen (1988) considers them to be imbricated along low-angle brittle faults along original stratigraphic contacts.

Intermediate volcanics and rare siliclastic sediments have been mapped at the eastern portions of both claim blocks, and are assigned to the Cretaceous Carmacks Volcanics. Although they are presumed to unconformably overlie the older metamorphic basement rocks, most contacts in the property area are assumed faults. The Cretaceous strata are typified by clay altered, locally limonitic, pyritic and carbonatized, porphyritic andesites. A small zone of crystal lithic tuff appears to overlie the andesite flows at one location in the central part of the *Rod* claims. Unusual zones of poorly lithified argillic matrix supported quartz pebble conglomerate have been mapped near the contact between Tertiary strata and the older metamorphic rocks on both claim blocks. Due to poor exposure and massive bedding, it is not possible to determine structural orientation or stratigraphic continuity.

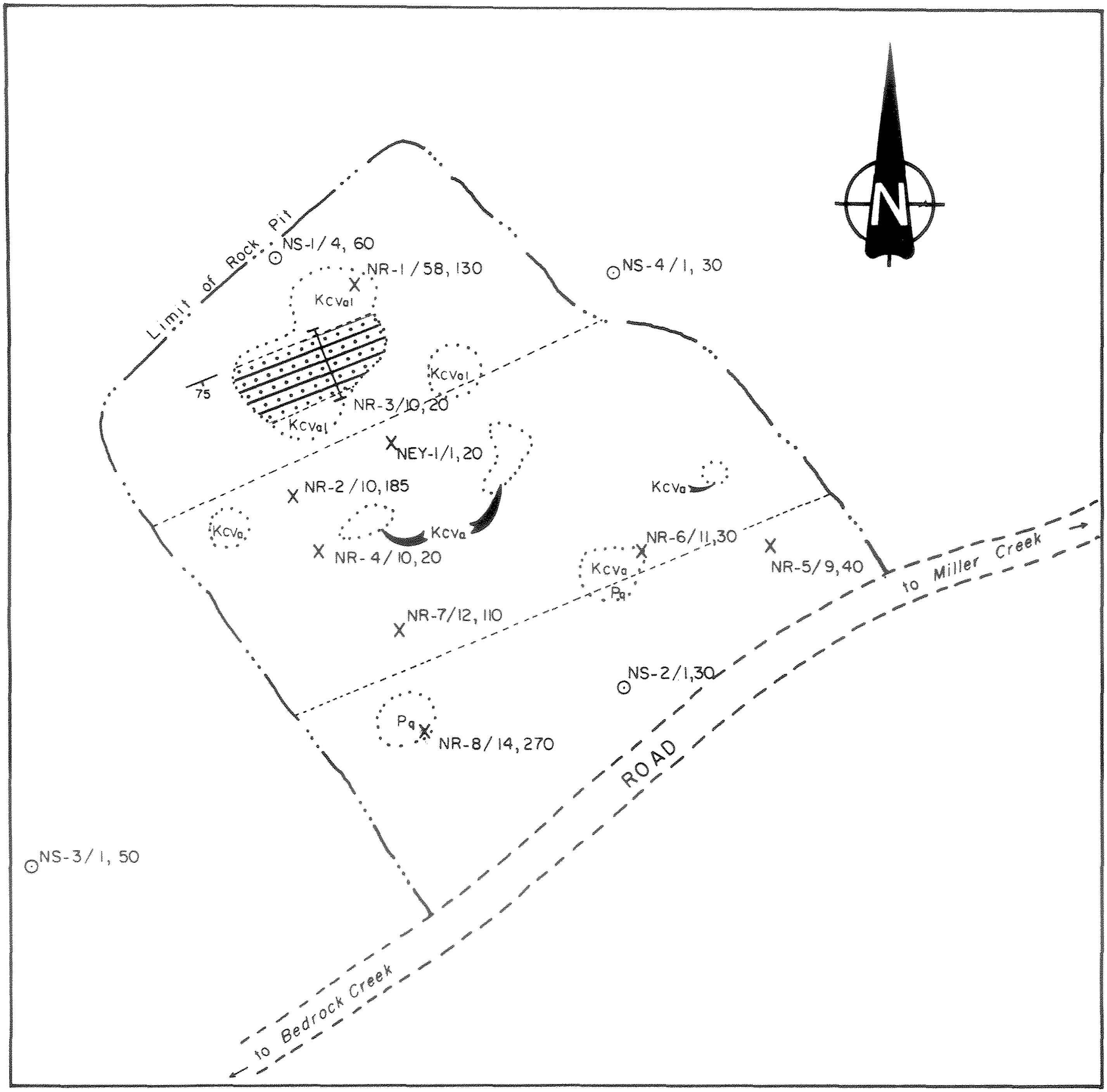
Structure on the *Rod* and *Ney* claims is dominated by assumed northeast trending faults, which may form contacts between Nasina Quartzite and Carmacks Volcanics.

MINERALIZATION

There is no record of prior mineral discoveries on ground now covered by the Headwaters Project claims. In 1988, two areas of bedrock with structurally controlled hydrothermal alteration were identified on or near the *Ney* claims.

At the Jasper Pit zone (Figure 6), an intensely fractured and locally silicified contact zone between Nasina quartzite and a porphyritic andesite is exposed at a small rock quarry used for road aggregate. Fractures are variably silicified (including quartz, jasper, and chalcedony veinlets), carbonatized, and pyrophyllitized. A composite sample of altered and veined rock collected by the writer from this pit returned 1 ppb gold, 508 ppm lead, and 75 ppm copper. Similar samples collected at the same quarry by Aurum Geological Consultants Inc. returned up to 81 ppb gold, 244 ppm arsenic, 532 ppm barium, 391 ppm copper, and 270 ppb mercury. There is no other outcrop exposed in this area and further surface exploration is hindered by a thick layer of frozen organic overburden. The geological and geochemical characteristics of the Jasper Pit zone are considered to represent an epithermal alteration zone associated with a splay from the main fault along the contact between Nasina Quartzite and Carmacks Volcanics.

On the north slope of the *Ney* claims, a selected grab sample collected from a scree slope containing slatey gneiss with scorodite staining along fractures returned 20 ppb gold, 482 ppm arsenic, and 603,900 ppb (0.06%) mercury. The geochemically anomalous scree lies close to the faulted contact zone between Nasina Quartzite and Carmacks andesite, and may represent the margin of a bedrock source of precious metal mineralization.



LEGEND

LITHOLOGIES

CRETACEOUS

Intensely silicified shear zone

KcVal — CARMACKS VOLCANICS: Silicified andesite with quartz stockwork veining.

KcVa — CARMACKS VOLCANICS: Maroon andesite with limonitic staining and jasper veining.

PROTEROZOIC to PALEOZOIC

Pq — NASINA QUARTZITE

SYMBOLS

Approximate lithologic contact

Limit of outcrop

X Rock sample location (rubble)

NEY-1/1,20 Sample number / Au ppb, Hg ppb

Rock sample location (chip)

⊙ Soil sample location

1 0 1 2 3 4m

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HEADWATERS PROJECT			
JASPER PIT ZONE			
Aurum Geological Consultants Inc.			December 1988
NTS 115N/15 & 116C/2	Drawn by HK/GS	Scale 1:100	Figure 6

GEOCHEMISTRY

A total of 1,327 soil samples, 61 rock samples, and 22 conventional and pan concentrated stream sediment samples were collected from on or near the Headwaters Project claims during the 1988 field program. Gridded soil samples were collected at 1,263 locations from 'B' horizon soil at depths averaging 25 cm at 25 or 50 meter intervals from lines spaced at 200 or 400 meters at the *Rod* claims. Reconnaissance soil sampling, rock sampling, and stream sediment sampling was conducted on and near both claim groups.

Soil and stream sediment samples were sieved to a -80 inch mesh. All of the samples were analyzed for total gold, silver, arsenic, antimony, copper, and lead content. All rock samples and alternate soil samples on selected lines were also analyzed for mercury. Analytical work was performed by Acme Analytical Laboratories Ltd. of Vancouver, B.C., and Bondar-Clegg & Company Ltd. of North Vancouver, B.C. Methods of analyses, lower detection limits, and analytical results are presented on the lab reports in Appendix A.

Soil Samples

A statistical analysis was made for each analyzed element of the 1,263 gridded soil samples (416 samples analyzed for mercury) collected from on or near the *Rod* claims in order to determine anomalous threshold levels. Values below the detection limit were entered into the calculations at the detection limit. Logarithmic frequency distribution histograms for copper, lead, silver, arsenic, antimony, gold, and mercury are presented in Appendix C. The plots for copper, lead, and antimony clearly show log-normal distributions and these elements are not considered any further.

All sample locations and geochemical values for gold, silver, arsenic, and mercury were plotted at a scale of 1:5,000. The plots of values obtained were contoured by hand to outline the possibly, probably, and definitely anomalous areas.

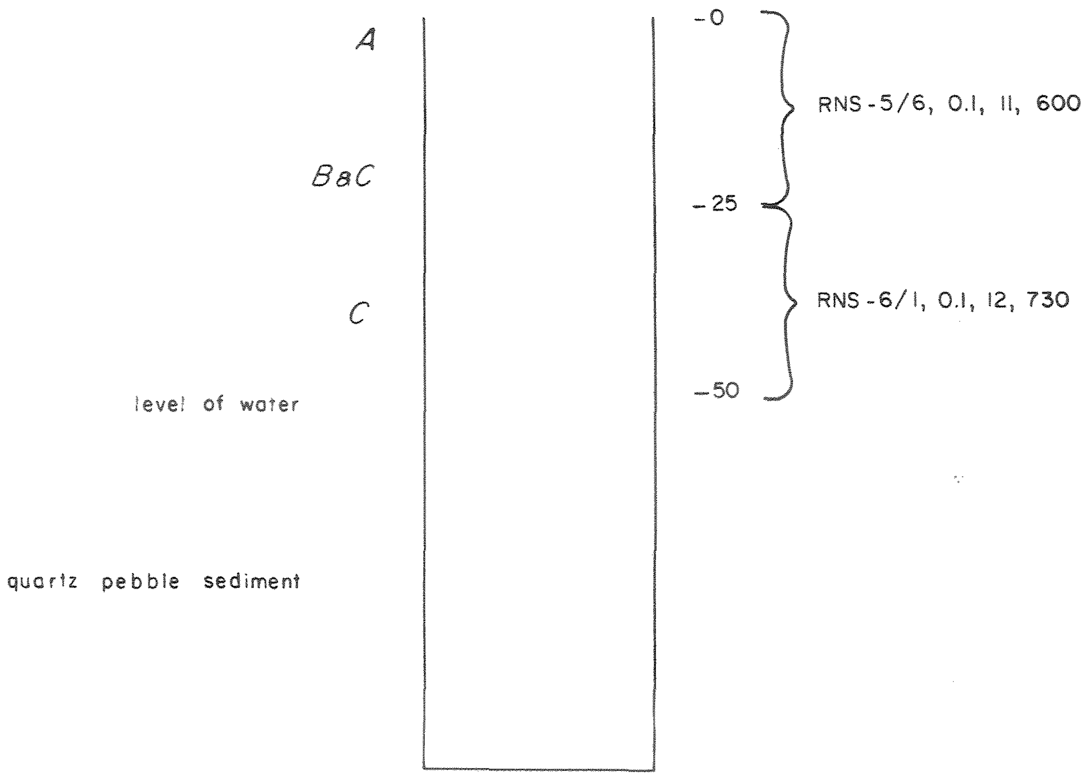
Gold values (Figure 7) range from 1 to 825 ppb. Geochemical contours were drawn at 20, 40, and 60 ppb. Anomalous areas are located predominantly in the southwestern part of the *Rod* claim block, centered at L4N 8+50W, and follow a distinct northeast trend. In addition, a number of isolated single-sample anomalies were identified in other parts of the sampled area.

Silver is plotted on Figure 7. Values range from 0.1 to 2.8 ppm. Although contours were not drawn, slightly elevated values closely coincide with gold anomalies.

Arsenic values (Figure 8) range from 2 to 1056 ppm. Contours were drawn at 87, 146, and 205 ppm. Anomalous areas are restricted to the southwestern and western parts of the *Rod* claims. A large northeast-trending anomaly appearing to exceed one kilometer in length is centered at L6N 8+00W.

The plots of mercury values are shown on Figure 9. Analytical results range from 10 to 12,000 ppb (in 416 samples) and contours were drawn at 100, 200, and 300 ppb. The most distinct anomalous areas are located at the southwestern (over the upper section of WY Gulch) and western parts of the *Rod* claims.

Hand trenches cut into overburden on the *Rod* claims were sampled selectively according to soil horizon. Geochemical results (Figures 10, 11, 12, 13, 14, and 15) show that there is a consistent increase in soil mercury content with depth (Figure 16). Gold values are generally low, and do not conclusively show any relationship with depth. A pan concentrated composite sample (RNHM-1) of soil from these six trenches did not return any anomalous values.



LOCATION: ROD CLAIMS BL 0+00E / 7+10N

SCALE
Vertical & Horizontal
10 0 10 20 30 40 cm

LEGEND

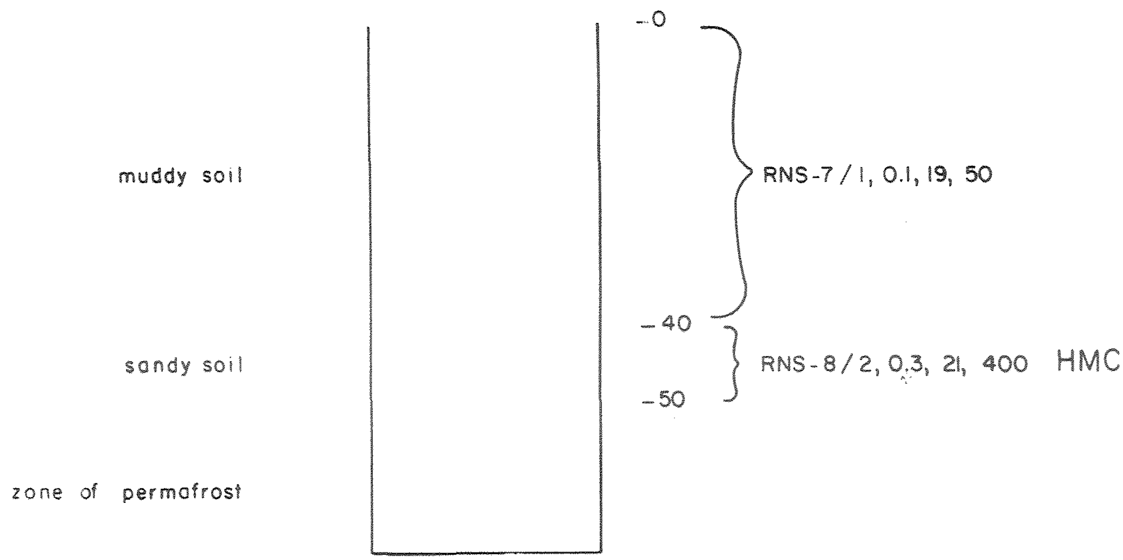
RNS-5/6, 0.1, 11, 600	Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
0–20	Sample interval in cm
HMC	Heavy mineral concentrate
A	"A" Soil horizon
B	"B" Soil horizon
C	"C" Soil horizon

LAYFIELD RESOURCES INC.

HEADWATERS PROJECT

SOIL PROFILE
SP-1

Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by SD/GS	Scale 1:10	Figure 10



LOCATION : ROD CLAIMS BL 0+00E / 8+00N

SCALE
Vertical & Horizontal

LEGEND

RNS-5 / 6, 0.1, 11, 600	Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
0 – 20	Sample interval in cm.
HMC	Heavy mineral concentrate
A	"A" Soil horizon
B	"B" Soil horizon
C	"C" Soil horizon

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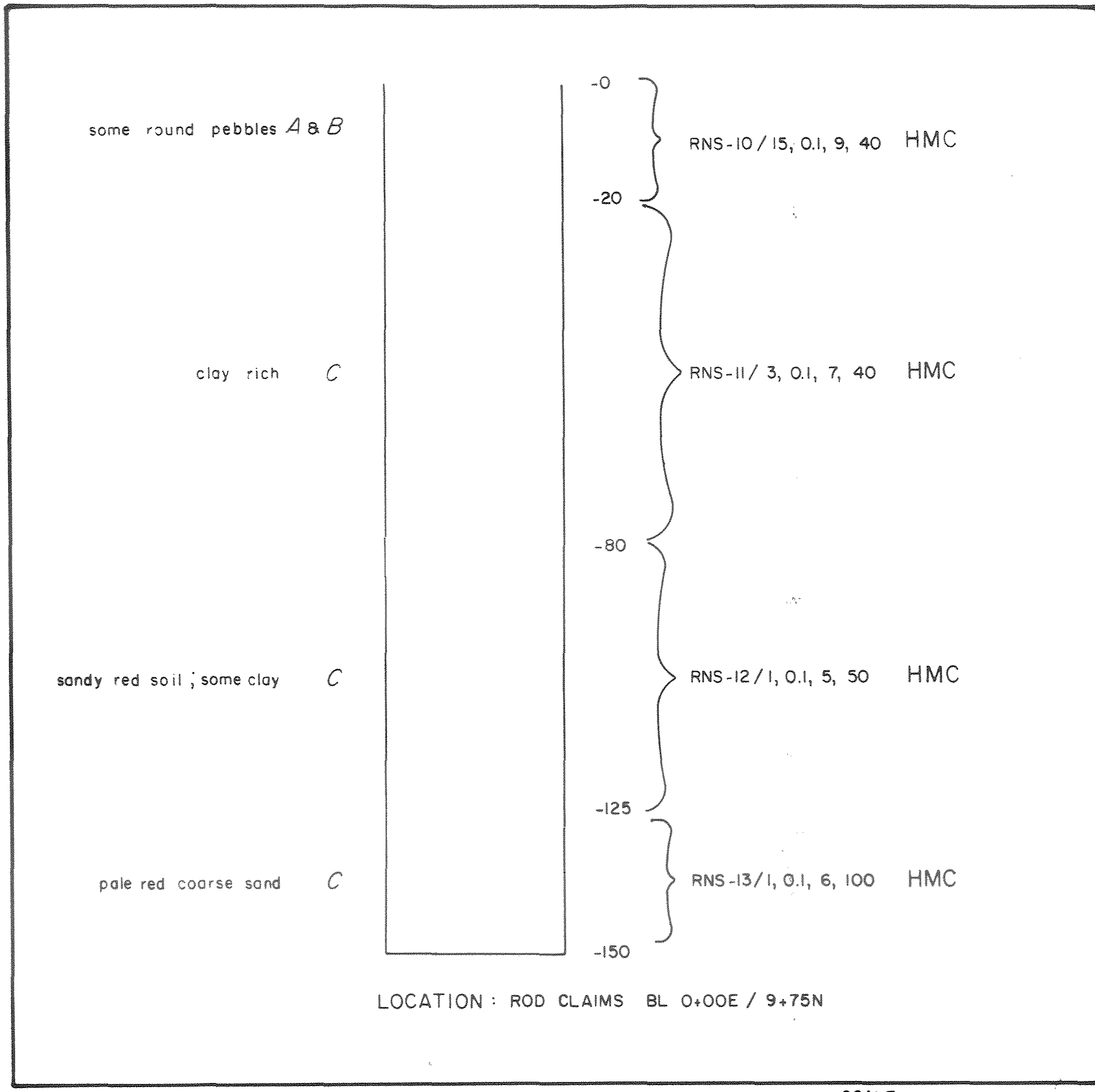
HEADWATERS PROJECT

SOIL PROFILE
SP-2

Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by SD/GS	Scale 1:10	Figure 11



SCALE
Vertical & Horizontal
10 0 10 20 30 40 cm

LEGEND

RNS-5 / 6, 0.1, 11, 600	Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
0–20	Sample interval in cm
HMC	Heavy mineral concentrate
A	"A" Soil horizon
B	"B" Soil horizon
C	"C" Soil horizon

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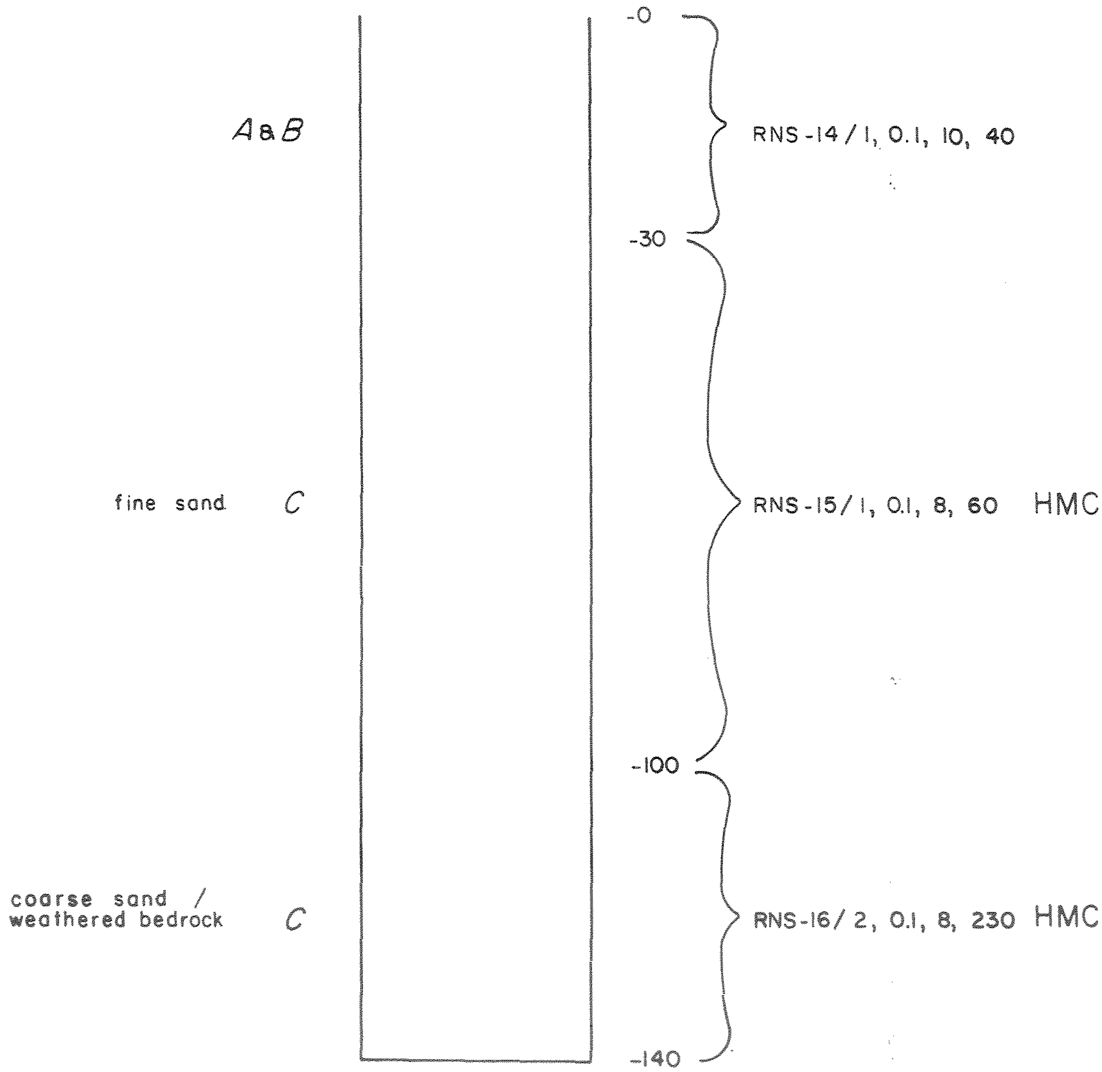
HEADWATERS PROJECT

SOIL PROFILE
SP-3

Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by SD/GS	Scale 1:10	Figure 12



LOCATION: ROD CLAIMS 2+25E / 9+00N

SCALE
Vertical & Horizontal

LEGEND

RNS-5/6, 0.1, 11, 600	Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
0–20	Sample interval in cm
HMC	Heavy mineral concentrate
A	"A" Soil horizon
B	"B" Soil horizon
C	"C" Soil horizon

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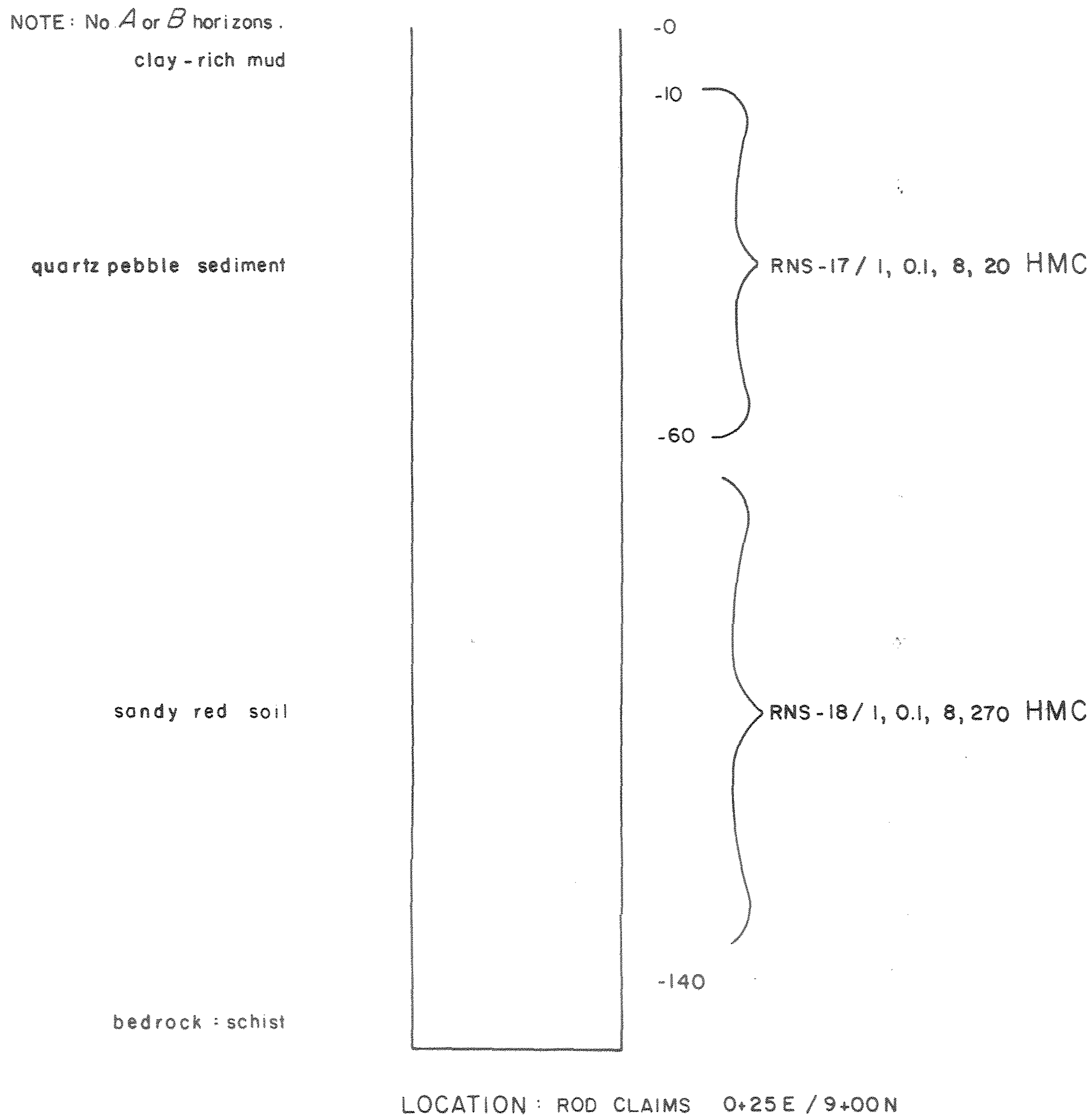
HEADWATERS PROJECT

SOIL PROFILE
SP-4

Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by SD/GS	Scale 1:10	Figure 13



SCALE
Vertical & Horizontal

10 0 10 20 30 40 cm

LEGEND

RNS-5/6, 0.1, 11, 600	Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
0–20	Sample interval in cm
HMC	Heavy mineral concentrate
A	"A" Soil horizon
B	"B" Soil horizon
C	"C" Soil horizon

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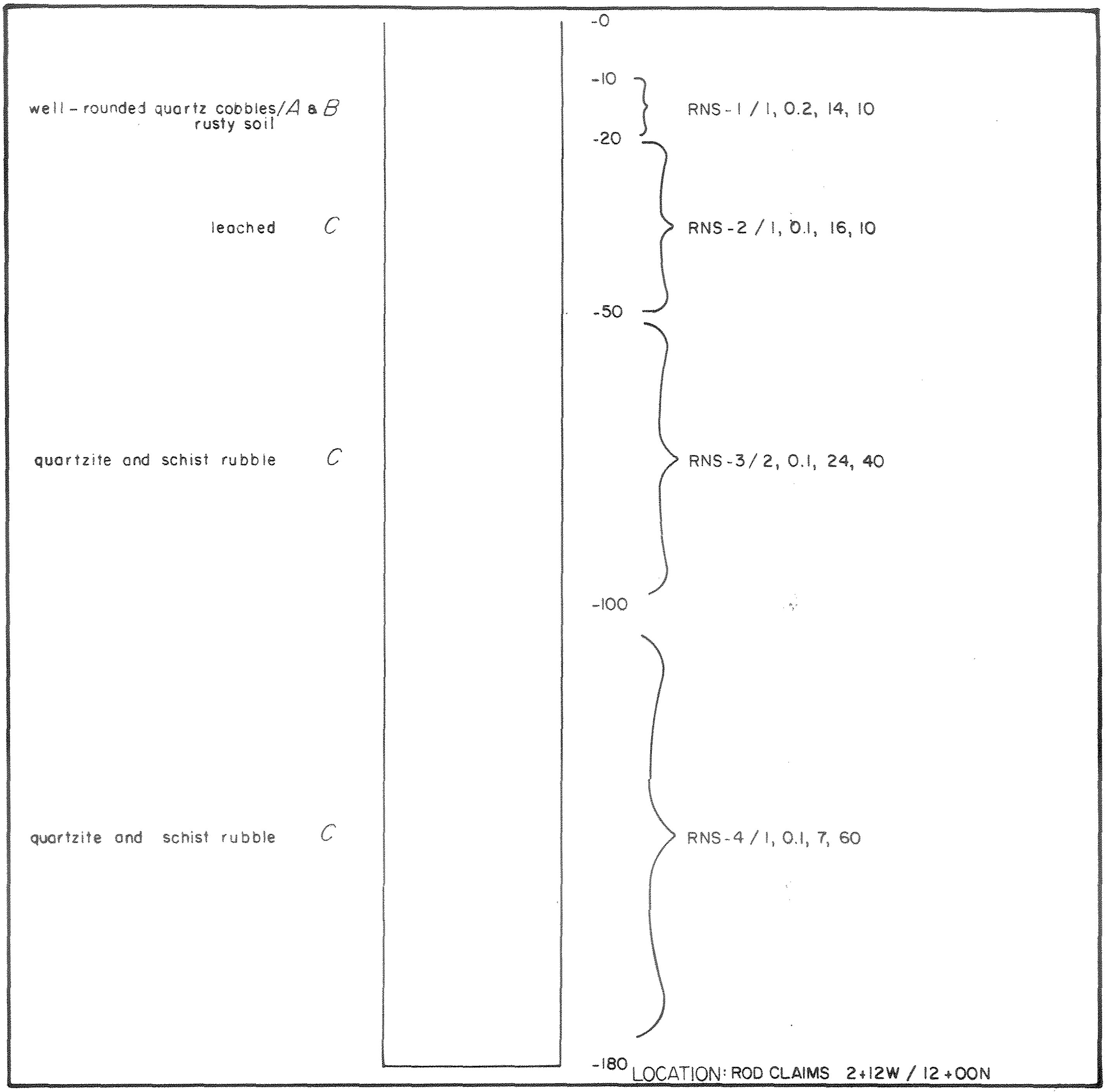
HEADWATERS PROJECT			
SOIL PROFILE SP-5			
Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by SD/GS	Scale 1:10	Figure 14



SCALE
Vertical & Horizontal
10 0 10 20 30 40 cm

LEGEND

RNS-5 / 6, 0.1, 11, 600	Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
0–20	Sample interval in cm
HMC	Heavy mineral concentrate
A	"A" Soil horizon
B	"B" Soil horizon
C	"C" Soil horizon

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HEADWATERS PROJECT

SOIL PROFILE
SP-6

Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by SD/GS	Scale 1:10	Figure 15

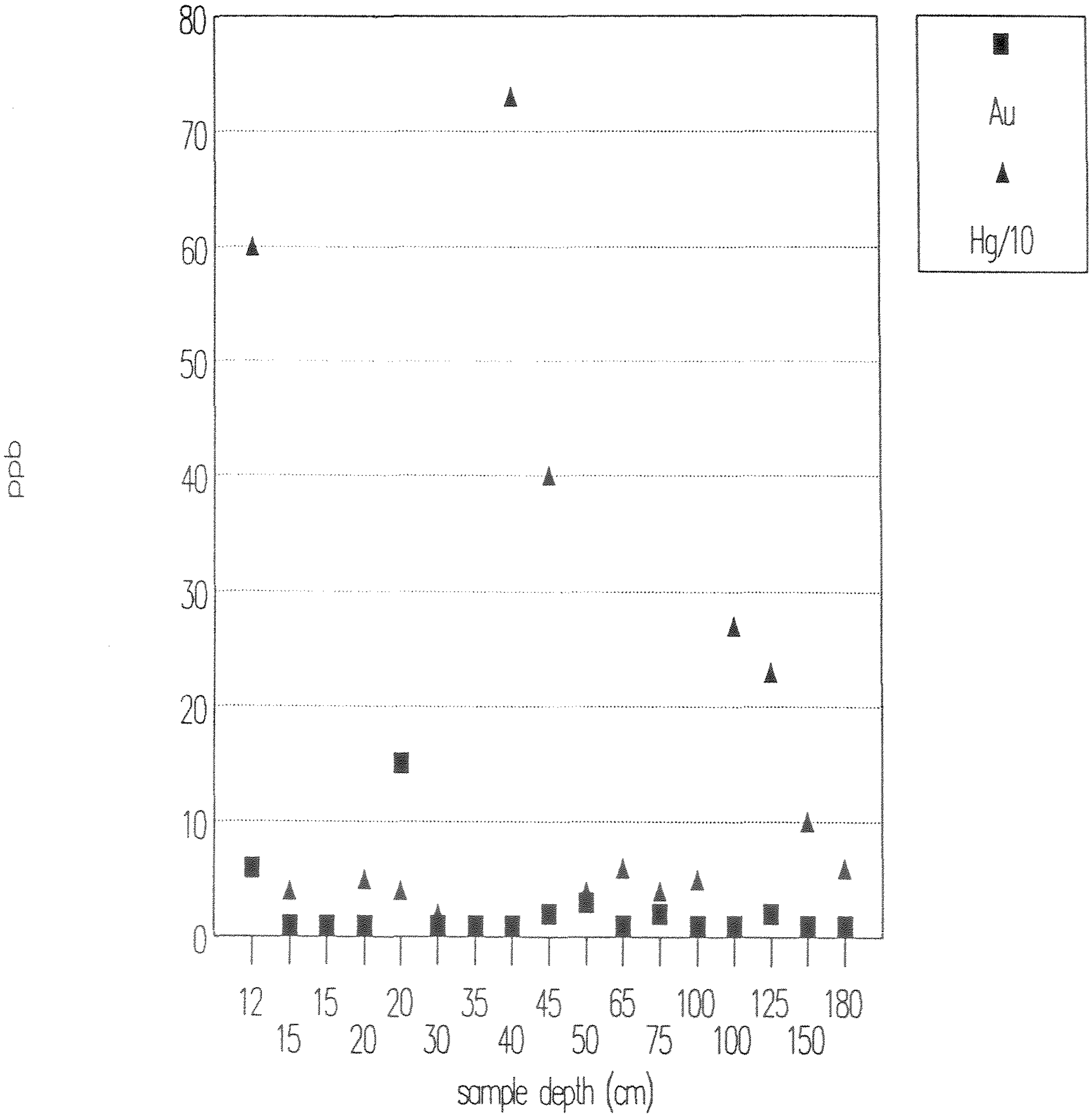


Figure 16. XY Plot of Au and Hg content versus depth in 6 trenches.

On the *Ney* claims, a total of 82 samples were collected from selected areas based on local lithologies, alteration, and structure. Significant results (Figure 5) include a single sample gold anomaly of 212 ppb adjacent to a small silicified resistive weathering andesite knob at the eastern part of the claim block, and a distinct increase in gold (up to 42 ppb) and arsenic (up to 143 ppm) over Paleozoic metamorphic rocks (Ps) lying between ultramafics (TRum) and Cretaceous volcanics (KCVa) at the south-central part of the claim block.

Stream Sediment Samples

Stream sediment samples were collected from 22 locations draining the *Rod* and *Ney* claims. Significant results include 765 ppb gold from a small creek adjacent to the northwest corner of the *Ney* claim block, 166 ppb gold from the north-central part, and 44 ppb gold from the northeastern part. All creeks sampled at the *Ney* claims were anomalous in arsenic.

On the *Rod* claims, all conventional stream sediment samples returned gold, silver, arsenic, and mercury values at or near background levels. A pan concentrated sediment sample collected from WY Gulch outside of the *Rod* claims boundary returned 17.84 opt gold, 16.1 ppm silver, and 2.97% mercury.

Rock Samples

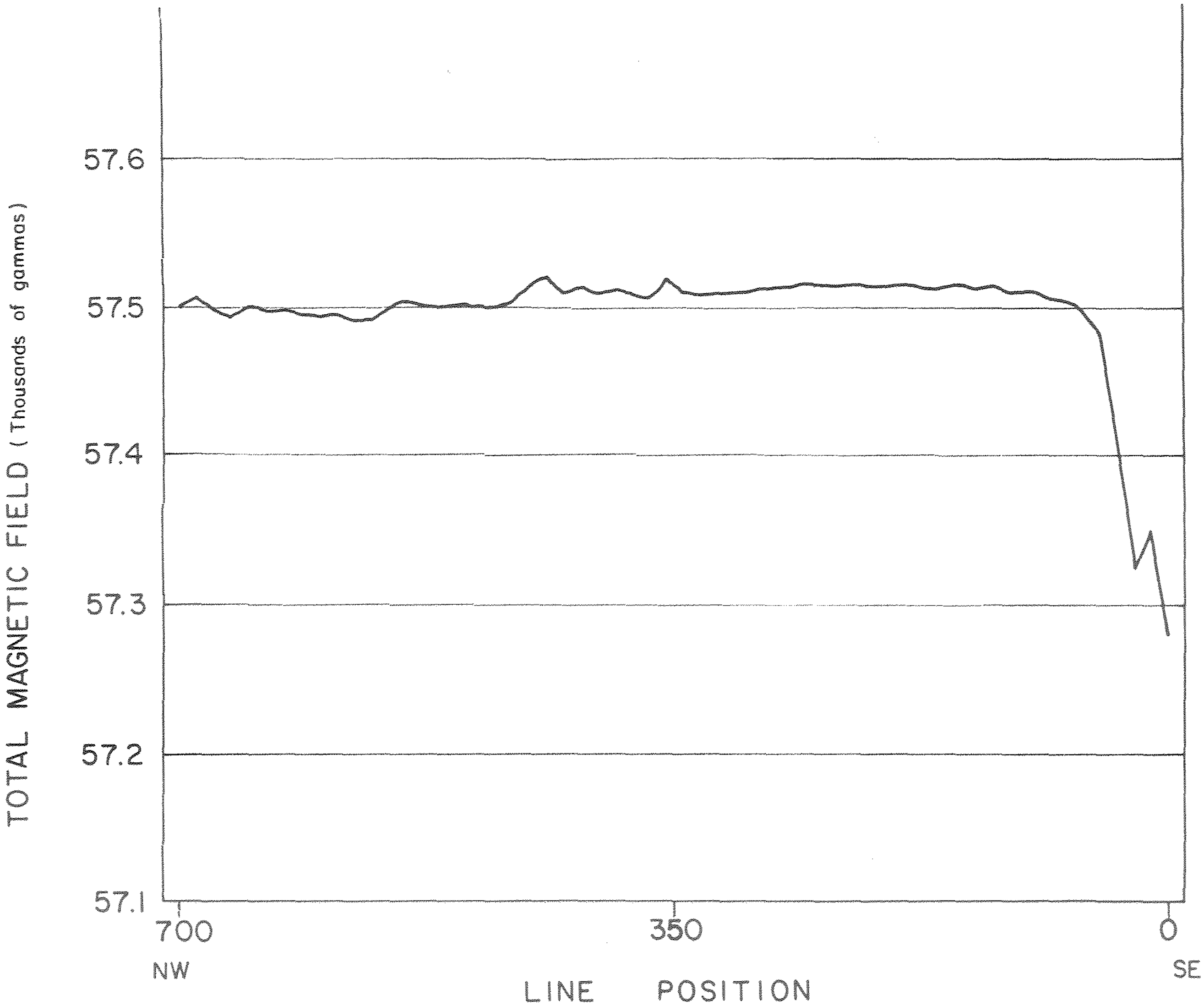
Rock samples were collected from veined or altered outcrops and float at various locations on the *Rod* and *Ney* claims. Significant results on the *Ney* claims include a slight enrichment of gold (up to 81 ppb) from rock samples near the Jasper Pit Zone, anomalous gold (181 ppb) from a poorly lithified quartz cobble conglomerate, and anomalous arsenic (482 ppm) in gneiss float. This same sample was anomalous in mercury, returning 603,900 ppb, and lies on trend with mercury, gold, and arsenic soil anomalies on the *Rod* claims.

At the *Rod* claims, the majority of rock samples collected returned anomalous mercury results. A significant enrichment in background mercury content in the Cretaceous volcanic rocks is indicated. However, contamination at the laboratory is suspected for samples RNR-104, RNR-105, NR-14, NR-15, NR-16, NR-17, NR-18, NR-19, and NR-20.

GEOPHYSICS

A single line covering 700 meters was surveyed on the *Ney* claims using an EDA Omni IV proton precession magnetometer to measure total field magnetic strength. An identical instrument was used as a base station to correct for diurnal variation. Instrument sensitivity is 0.1 nanotesla (nT), and readings were taken at 12.5 meter intervals.

Magnetic variations within the surveyed area (Figure 17) are attributable to changes in bedrock magnetic susceptibilities. The low amplitude response within the northern part of the surveyed line is suggestive of uniform distributions of magnetic minerals in a single lithology (probably KCVa), while the negative anomaly toward the south can be attributed to a destruction of magnetic minerals, a change in lithology, and/or thicker overburden.



LAYFIELD RESOURCES INC.			
HEADWATERS PROJECT			
NEY CLAIMS MAGNETOMETER SURVEY			
Aurum Geological Consultants Inc.			FEBRUARY 1989
NTS 115 N/15 & 116 C/2	Drawn by HK/GS	Scale as shown	Figure 17

CONCLUSIONS AND RECOMMENDATIONS

The Headwaters Project claims cover part of an outlier of an extensive Cretaceous intermediate volcanic belt within a Paleozoic metamorphic basement. Ultramafic bodies present in the project area infer a zone of deep crustal weakness favorable for the generation of hydrothermal-related precious metal mineralization in the western Yukon Cataclastic Terrane south of the Tintina Fault. Similar geologic settings host significant gold-silver deposits in the Mt. Nansen area, about 270 km to the southeast. The claims lie within an important placer gold producing area, with an unknown gold source. One of the richest gulches in the area, WY Gulch, also produces cinnabar and has its source area within the Headwaters Project.

The property is a gold-mercury prospect. Potential exists for hosting (1) structurally controlled gold - mercury (arsenic and silver) vein-type deposits in volcanic cover rocks and/or metamorphic basement rocks, and (2) disseminated gold - silver mineralization in volcanic rocks. There was no known mineralization on the property prior to the current work program.

Indicators of precious metal mineralization found during the 1988 work program include (1) quartz, jasper, and chalcedony veinlets in fractured andesite carrying low-order anomalous values in gold, arsenic, lead, barium, and mercury, and (2) altered gneissic subcrop carrying low-order anomalous values in gold and arsenic, and highly anomalous concentrations of mercury (lab report of 603,900 ppb Hg in a possibly contaminated sample). Both of these occurrences are over, or adjacent to, a major northeast trending fault zone. Conventional soil geochemistry could not be carried out at these areas due to thick frozen organic overburden.

To the northeast, in an area of no outcrop, multi-element soil geochemical anomalies comprising various combinations of gold, silver, arsenic, and mercury closely parallel the trend of the main fault. The anomalies are interpreted to represent a large dispersion zone or halo of structurally-controlled bedrock gold - silver - arsenic - mercury mineralization hosted primarily in Paleozoic metamorphic rocks. These potential zones could be the source of placer gold-mercury deposits in the area.

Given the favorable geology, coincident geochemical anomalies, and exploration success so far, the Headwaters Project warrants continued mineral exploration. The following work is recommended:

1. Utilize aerial photographs to identify and trace topographic lineaments which may reflect fault zones, and re-interpret property structure and lithologic distributions based on these data.

2. Carry out more geochemical surveying along the full length of the main northeast fault on both claim blocks. Hand-held percussion drill overburden samples and/or biogeochemical sampling may be utilized where frozen organics are present.

3. Mapping, prospecting, and rock sampling are to be continued. Re-sample all rocks collected in 1988 and re-analyze to conclusively determine mercury and gold content.

4. Carry out magnetic surveying in the area of the main northeast fault to assist in locating lithologic contacts and zones of hydrothermal alteration.

5. Engage heavy equipment to trench existing geochemical/geological anomalies, and any new anomalies outlined by the above work. Sampling and mapping must accompany the trenching, with special attention paid to alteration and structure.

6. Any further work including diamond drilling is contingent on the success of the above program.

Respectfully submitted,

Harmen Keyser

February 28, 1989

Harmen J. Keyser, B.Sc., FGAC

GEOLOGICAL ASSOCIATION OF CANADA
HARMEN J. KEYSER
FELLOW

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STATEMENT OF QUALIFICATIONS

I, HARMEN J. KEYSER, hereby certify that;

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 604-675 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.

3. I am a fellow of the Geological Association of Canada (F3759) and a member of the Yukon Professional Geoscientists Society.

4. I own shares of Golden Rum Resources Limited which has an indirect interest in the Headwaters Project claims. I have no interest in the securities of Layfield Resources Inc.

5. I am the author of this report on the Headwaters Project, which is based on my personal involvement and supervision of exploration work carried out during 1988.

6. I consent to the use of this report by Layfield Resources Inc. for any purpose deemed necessary, provided that no portion may be used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

February 28, 1989

Harmen J. Keyser, B.Sc., FGAC

GEOLOGICAL ASSOCIATION OF CANADA
HARMEN J. KEYSER
FELLOW

STATEMENT OF COSTS (Rod Claims)

1988 Prorata Assessment Work Valuation to apply to the Rod 1-74 claims.

A. Fieldwork

Harmen Keyser, B.Sc., FGAC of Vancouver, B.C.	
24 days @ 250/day:	$ 6000.00
Roger Hulstein, B.Sc., of Whitehorse, Yukon	
3 days @ 250/day:	750.00
Mark Rebagliati, P.Eng., of Vancouver, B.C.	
2 days @ 450/day:	900.00
Steven Dudka, B.Sc., of North Vancouver, B.C.	
19 days @ 200/day:	3800.00
Connie O'Brien, Assistant, of Guelph, Ont.	
15 days @ 130/day:	1950.00
Brian Sauer, Assistant, of North Vancouver, B.C.	
25 days @ 220/day:	5500.00
Adrian Cormier, Assistant, of Whitehorse, Yukon	
19 days @ 160/day:	3040.00
Jeff Hunt, Assistant, of Sechelt, B.C.	
24 days @ 120/day:	2880.00

B. Camp and Support Costs

Analytical Costs:	15554.73
Truck Rental:	2575.50
Gas and Camp Fuel:	1629.60
Groceries and Camp Supplies:	1911.20
Maps:	25.00
Meals and Accommodation:	483.50
Freight and Postage:	74.75
Field Supplies:	788.34
Camp and Equipment Rental:	2084.00
Travel Costs and Communications:	2714.90

C. Report Preparation

Harmen Keyser, B.Sc., FGAC	
11 days @ 250/day:	2750.00
Steven Dudka, B.Sc.	
7 days @ 200/day:	1400.00
Drafting:	3861.00
Reprographics:	598.47

Total 1988 Assessment Work Valuation, Rod claims: $ 61,270.99

STATEMENT OF COSTS (Ney Claims)

1988 Prorata Assessment Work Valuation to apply to the Ney 1-40 claims.

A. Fieldwork

Harmen Keyser, B.Sc., FGAC of Vancouver, B.C.	
5 days @ 250/day:	$ 1250.00
Mark Rebagliati, P.Eng., of Vancouver, B.C.	
1 days @ 450/day:	450.00
Steven Dudka, B.Sc., of North Vancouver, B.C.	
6.5 days @ 200/day:	1300.00
Connie O'Brien, Assistant, of Guelph, Ont.	
5 days @ 130/day:	650.00
Adrian Cormier, Assistant, of Whitehorse, Yukon	
5 days @ 160/day:	3040.00
Jeff Hunt, Assistant, of Sechelt, B.C.	
4 days @ 120/day:	480.00

B. Camp and Support Costs

Analytical Costs:	1902.72
Truck Rental:	606.00
Gas and Camp Fuel:	433.19
Groceries and Camp Supplies:	600.64
Maps:	10.00
Meals and Accommodation:	79.45
Field Supplies:	197.08
Camp and Equipment Rental:	600.00
Travel Costs and Communications:	765.70

C. Report Preparation

Harmen Keyser, B.Sc., FGAC	
2 days @ 250/day:	500.00
Steven Dudka, B.Sc.	
2 days @ 200/day:	400.00
Drafting:	1089.00
Reprographics:	117.58
Total 1988 Assessment Work Valuation, Ney claims:	**$ 14,471.36**

Approximate Claim Group Perimeter
Glacier Creek
BIG GOLD CREEK
SIXTY MILE
(Glacier Creek P.O.)
SIXTY MILE RIVER
Miller Creek
Wy Gulch
NR-15 / 3, 0.1, 5, 10400
NR-16 / 1, 0.1, 2, 6700
LEGEND
LITHOLOGIES
QUATERNARY
Qal Unconsolidated surfical debris.
CRETACEOUS
KCVa CARMACKS VOLCANICS ; Porphyritic andesite with minor crystal lithic tuff (KCVt), quartz pebble conglomerate (KCVs) and rhyolite-dacite (KCVr).
PALEOZOIC (?)
Pq NASINA QUARTZITE ; Quartzite.
Ps KLONDIKE SCHIST ; Schist and minor gneiss.
NOTES
- Geology by H. Keyser and S. Dudka, September 1988.
- Locations based on chain and compass grid.
- Topography adapted from NTS 115N/15 & 116C/2.
SYMBOLS
Approximate lithological contact
Approximate/assumed fault
Attitude of jointing/cleavage
Limit of outcrop
Trench
Road
Trace of drainage
Claim post
Soil profiles (see aditional figures)
Rock sample location
sample location
Stream sediment sample location
NR-18/1, 0.5, 370, 3600 Sample number / Au ppb, Ag ppm, As ppm, Hg ppb.
ABBREVIATIONS
HMC Heavy mineral concentrate
qv Quartz vein
,-, Element not analyzed
SCALE
100 50 0 100 200 300 400 500 meters
LAYFIELD RESOURCES INC.
HEADWATERS PROJECT
ROD CLAIMS
GEOLOGY
714
Aurum Geological Consultants Inc.
JANUARY, 1989
NTS 115 N/15 & 116 C/2
Drawn by HK/GS
Scale 1:5000
Figure 4
092692


N
RNSS-7/ 765, 0.5, 133, 130
RNSS-6 / 10, 0.3, 124, 50
RNSS-5/ 166, 0.7, 565, 100
RNR-105/ 20, 0.7, 482, 603900
RNSS-8 / 44, 0.1, 45, 30
Approximate Claim Group Perimeter (NEY Claims)
Approximate Claim Group Perimeter (ROD Claims)
Miller Creek
Bedrock Creek
Qal
Ps
Pq
Tkum
KCVa
KCVt
KCVs
Trace of Magnetometer Survey (see figure 16)
Jasper Pit Zone see figure 6
NS-7 / 1, 0.1, 2, 60
NR-10 / 16, <0.5, <50, 175
NS-5 / 2, 0.6, 48, 70
NS-6 / 1, 0.1, 9, 90
NR-9 / 81, <0.5, 244, 225
NEY-2 / 2, 0.3, 19, 50
NS-8 / 3, 0.1, 7, 40
NS-9 / 2, 0.2, 4, 50
NR-11 / 25, <0.5, <50, 30
LEGEND
LITHOLOGIES
QUATERNARY
Qal Unconsolidated surficial debris
CRETACEOUS
KCVa CARMACKS VOLCANICS ; Porphyritic andesite with minor crystal lithic tuff (KCVt), quartz pebble conglomerate (KCVs) and rhyolite - dacite (KCVr).
TRIASSIC (?)
Tkum Ultramafic rocks
PALEOZOIC (?)
Pq NASINA QUARTZITE ; Quartzite
Ps KLONDIKE SCHIST ; Schist and minor gneiss
SYMBOLS
Approximate lithological contact
Approximate/assumed fault
Attitude of jointing/cleavage
Limit of outcrop
Road-cut / pit
Road
Trace of drainage
Rock sample location
Soil sample location
Stream sediment sample location
NS-67/42, 0.1, 91, 30 Sample number / Au ppb, Ag ppm, As ppm, Hg ppb
NOTES
- Geology by H.Keyser and S.Dudka, September 1988.
- Locations based on topography.
- Topography adapted from NTS 115N/15 & 116C/2.
ABBREVIATIONS
HMC Heavy mineral concentrate
qv Quartz vein
,- Element not analyzed
SCALE
100 50 0 100 200 300 400 500 meters
LAYFIELD RESOURCES INC.
HEADWATERS PROJECT
NEY CLAIMS
GEOLOGY AND GEOCHEMISTRY
713
Aurum Geological Consultants Inc.
JANUARY, 1989
NTS 115N/15 & 116C/2
Drawn by H.K./G.S.
Scale 1:5000
Figure 5

092692

Approximate Claim Group Perimeter
Glacier Creek
Big Gold Creek
Miller Creek
SIXTY MILE RIVER
LEGEND
Approximate Claim Group Perimeter
Creek / River
Chain and Compass Grid
Au ppb in soil
Ag ppm in soil
Soil Geochemical Contours Au ppb
0-20 ppb Au background
20-40 ppb Au possibly anomalous
40-60 ppb Au probably anomalous
>60 ppb Au definitely anomalous
Scale
100 50 0 100 200 300 400 m
LAYFIELD RESOURCES INC.
HEADWATERS PROJECT
ROD CLAIMS
SOIL GEOCHEMISTRY
Au ppb & Ag ppm
715
092692
Aurum Geological Consultants Inc.
JANUARY, 1989
NTS 115 N/15 & 116 C/2
Drawn by G.S.
Scale 1:5000
Figure 7

Approximate Claim Group Perimeter
Big Glacier Creek
Gold Creek
Sixty Mile River
Miller Creek
N
L30N
L26N
L22N
L18N
L14N
L8N
L4N
L0N
LEGEND
Approximate Claim Group Perimeter
Creek / River
Chain and Compass Grid
146
As ppm in soil
Soil Geochemical Contours As ppm
0-87 ppm As background
87-146 ppm As possibly anomalous
146-205 ppm As probably anomalous
>205 ppm As definitely anomalous
Scale
100 50 0 100 200 300 400m
LAYFIELD RESOURCES INC.
HEADWATERS PROJECT 716
ROD CLAIMS
SOIL GEOCHEMISTRY
As ppm
092692
Aurum Geological Consultants Inc.
JANUARY, 1989
NTS 115 N/15 & 116 C/2
Drawn by G.S.
Scale 1:5000
Figure 8


Approximate Claim Group Perimeter
Glacier Creek
Big Gold Creek
Miller Creek
SIXTY MILE RIVER
N
LEGEND
Approximate Claim Group Perimeter
Creek / River
Chain and Compass Grid
Hg ppb in soil (Note: only selected samples analyzed)
Soil Geochemical Contours Hg ppb
0-100 ppb Hg background
100-200 ppb Hg possibly anomalous
200-300 ppb Hg probably anomalous
> 300 ppb Hg definitely anomalous
Scale
100 50 0 100 200 300 400m
LAYFIELD RESOURCES INC.
HEADWATERS PROJECT 717
ROD CLAIMS
SOIL GEOCHEMISTRY
Hg ppb
092692
Aurum Geological Consultants Inc.
JANUARY, 1989
NTS 115 N/15 & 116 C/2
Drawn by G.S.
Scale 1:5000
Figure 9

APPENDIX A

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 30 1988

DATE REPORT MAILED: Oct. 18/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K & AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
BA* .1 GM SAMPLE FUSED WITH .6 GM LIBO2 DISSOLVED IN HNO3 ANALYSED BY ICP. HG ANALYSIS BY FLAMLESS AA.
- SAMPLE TYPE: P1-P37 SOIL P38 STREAM SED. P39 ROCK P40 H.M.CONS. AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

SIGNED BY. C.Leong . D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LAYFIELD RESOURCES PROJECT 3501 FILE # 88-5032 Page 1

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
BL 28+00N	28	12	.1	6	2	1
BL 27+75N	27	19	.2	9	2	1
BL 27+50N	29	23	.1	7	2	1
BL 27+25N	31	21	.1	9	2	2
BL 27+00N	31	17	.1	9	2	4
BL 26+75N	30	18	.1	10	2	2
BL 26+50N	20	17	.1	5	2	1
BL 26+25N	32	21	.1	7	2	1
BL 26+00N	27	14	.2	8	2	1
BL 25+75N	31	24	.2	8	2	2
BL 25+50N	19	19	.1	4	2	5
BL 25+25N	19	16	.1	6	2	1
BL 25+00N	23	20	.2	7	2	1
BL 24+75N	19	23	.1	7	2	1
BL 24+50N	24	18	.1	7	2	1
BL 24+25N	13	20	.1	8	2	6
BL 24+00N	15	26	.1	9	2	1
BL 23+75N	12	19	.1	2	2	1
BL 23+50N	15	23	.2	9	2	2
BL 23+25N	16	24	.2	8	2	9
BL 23+00N	19	38	.1	8	2	1
BL 22+75N	21	23	.2	5	2	1
BL 22+50N	25	25	.2	7	2	2
BL 22+25N	14	19	.1	7	2	1
BL 22+00N	21	19	.1	7	2	1
BL 21+75N	18	15	.2	7	2	1
BL 21+50N	20	17	.1	8	2	1
BL 21+25N	20	23	.1	9	2	1
BL 21+00N	16	19	.2	6	2	2
BL 20+75N	24	19	.2	9	2	1
BL 20+50N	15	17	.2	8	2	1
BL 20+25N	16	19	.1	6	2	1
BL 20+00N	14	14	.2	7	2	2
BL 19+75N	14	14	.3	4	2	1
BL 19+50N	14	13	.2	7	2	1
BL 19+25N	14	14	.1	5	2	1
STD C/AU-S	59	42	7.0	40	18	52

LAYFIELD RESOURCES PROJECT 3501 FILE # 88-5032 Page 2

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
BL 19+00N	14	15	.1	4	3	2
BL 18+75N	12	14	.1	5	3	1
BL 18+50N	15	8	.1	7	3	1
BL 18+25N	18	15	.1	9	2	1
BL 18+00N	13	14	.1	7	2	2
BL 17+75N	13	14	.1	7	3	5
BL 17+50N	24	19	.1	7	2	2
BL 17+25N	22	18	.1	9	2	1
BL 17+00N	18	8	.1	5	3	1
BL 16+75N	15	10	.1	8	3	1
BL 16+50N	22	13	.1	7	3	1
BL 16+25N	30	15	.1	8	2	1
BL 16+00N	20	16	.2	10	2	1
BL 15+75N	15	10	.1	4	2	1
BL 15+50N	14	21	.1	7	3	1
BL 15+25N	13	14	.1	6	2	1
BL 15+00N	14	17	.1	5	3	1
BL 14+75N	9	10	.1	2	2	1
BL 14+50N	9	14	.1	4	2	1
BL 14+25N	17	11	.1	3	2	1
BL 14+00N	14	20	.1	8	2	1
BL 13+75N	16	11	.1	10	3	1
BL 13+50N	11	7	.1	5	3	2
BL 13+25N	10	15	.2	4	3	3
BL 13+00N	9	6	.1	2	2	2
BL 12+75N	11	14	.2	2	2	1
BL 12+50N	9	5	.1	2	2	1
BL 12+25N	14	17	.2	6	2	1
BL 12+00N	13	12	.1	2	2	2
BL 11+75N	14	13	.1	7	2	1
BL 11+50N	13	17	.1	6	3	1
BL 11+25N	20	7	.1	6	2	6
BL 11+00N	15	19	.1	8	2	8
BL 10+75N	22	19	.1	8	2	1
BL 10+50N	10	15	.1	2	2	2
BL 10+25N	11	15	.1	6	2	6
STD C/AU-S	59	42	6.9	40	20	49

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
BL 9+00N	21	10	.1	38	3	1
BL 8+75N	28	16	.1	28	2	1
BL 8+50N	22	13	.2	28	3	2
BL 8+25N	27	18	.3	37	2	2
BL 8+00N	31	22	.3	22	2	1
BL 7+75N	31	12	.1	20	2	1
BL 7+50N	38	16	.3	24	4	1
BL 7+25N	28	11	.1	19	2	4
BL 7+00N	31	12	.1	18	2	5
BL 6+75N	25	16	.1	17	3	1
BL 6+50N	25	10	.1	12	2	6
BL 6+25N	19	7	.1	10	2	2
BL 5+75N	15	9	.2	7	2	1
BL 5+50N	17	9	.1	7	3	1
BL 5+25N	31	14	.1	7	3	1
BL 5+00N	18	18	.2	8	3	1
BL 4+75N	20	11	.1	9	2	1
BL 4+50N	26	10	.2	11	3	5
BL 4+25N	21	15	.1	17	2	3
BL 3+75N	31	10	.1	21	2	1
BL 3+50N	32	17	.2	25	3	4
BL 3+25N	32	17	.1	15	2	1
BL 3+00N	29	18	.1	16	2	2
BL 2+75N	46	25	.2	18	3	1
BL 2+50N	35	16	.1	16	2	1
BL 2+25N	44	22	.2	23	2	3
BL 2+00N	40	17	.1	23	2	1
BL 1+75N	41	21	.1	35	2	1
BL 1+50N	41	21	.2	25	2	1
BL 1+25N	33	19	.1	26	3	1
BL 1+00N	37	17	.3	18	3	1
BL 0+75N	32	20	.1	26	3	1
BL 0+50N	36	16	.1	28	3	1
BL 0+25N	31	20	.2	23	3	3
L30N 0+25E	25	9	.1	9	3	2
L30N 0+75E	29	27	.1	11	2	1
STD C/AU-S	59	42	6.7	36	18	52

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L30N 1+00E	28	18	.1	11	2	1
L30N 1+25E	26	16	.1	6	2	1
L30N 1+50E	22	14	.2	5	2	3
L30N 1+75E	32	17	.1	8	2	2
L30N 2+00E	30	15	.2	9	2	3
L30N 2+25E	20	17	.1	9	3	1
L30N 2+50E	17	13	.1	7	3	1
L30N 2+75E	15	15	.2	9	3	3
L30N 3+00E	22	13	.1	7	3	1
L30N 3+25E	22	12	.2	7	2	28
L30N 3+50E	24	14	.1	8	2	2
L30N 3+75E	19	12	.2	5	2	3
L30N 4+00E	18	15	.2	9	2	1
L30N 4+25E	15	11	.1	7	2	1
L30N 4+50E	19	13	.1	6	3	14
L30N 4+75E	14	10	.1	5	2	4
L30N 5+00E	23	16	.1	10	2	2
L30N 5+25E	27	10	.1	8	2	7
L30N 5+50E	23	10	.2	7	2	8
L30N 5+75E	29	16	.2	10	4	2
L30N 6+00E	20	10	.1	6	2	1
L30N 6+25E	20	10	.1	5	2	3
L30N 6+50E	34	11	.1	10	2	2
L30N 6+75E	31	12	.1	7	2	1
L30N 7+00E	29	13	.1	10	3	10
L30N 7+25E	15	12	.1	8	4	1
L30N 7+50E	15	12	.2	8	2	5
L30N 7+75E	17	7	.1	7	2	1
L30N 8+00E	14	6	.1	4	2	1
L30N 8+25E	12	9	.1	5	2	2
L30N 8+50E	14	9	.2	5	2	1
L30N 8+75E	13	8	.1	4	3	11
L30N 9+00E	8	14	.2	7	2	1
L30N 9+50E	14	12	.1	6	2	5
L30N 9+75E	9	11	.1	2	2	12
L30N 10+00E	10	13	.1	7	4	2
STD C/AU-S	59	44	6.7	45	17	50

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L30N 10+25E	7	4	.1	4	2	7
L30N 10+50E	6	10	.2	5	3	5
L30N 10+75E	5	7	.1	3	2	12
L30N 11+00E	8	15	.1	4	2	4
L30N 11+25E	8	11	.3	7	3	6
L30N 11+50E	8	10	.3	4	3	11
L30N 11+75E	7	10	.1	3	2	12
L30N 12+00E	12	12	.2	5	3	4
L30N 12+25E	17	15	.1	5	3	3
L30N 12+50E	4	13	.1	4	2	12
L30N 12+75E	6	16	.1	5	2	6
L30N 13+00E	11	12	.1	4	2	11
L30N 13+25E	12	18	.1	7	3	5
L30N 13+50E	8	7	.1	3	2	3
L30N 13+75E	6	2	.1	2	2	28
L30N 14+00E	15	15	.2	5	2	7
L30N 14+25E	10	5	.1	3	2	4
L30N 14+50E	11	14	.1	9	2	2
L30N 14+75E	6	3	.2	3	2	2
L30N 15+00E	10	19	.1	6	2	1
L30N 15+25E	10	12	.1	8	2	1
L30N 15+50E	14	14	.2	6	2	1
L30N 15+75E	9	14	.1	9	3	1
L30N 16+00E	10	12	.1	10	2	1
L30N 16+25E	14	11	.1	2	2	1
L30N 16+50E	12	12	.1	9	2	1
L30N 16+75E	19	15	.1	7	2	1
L30N 17+00E	6	3	.1	3	2	1
L30N 17+25E	10	12	.1	6	2	1
L30N 17+50E	7	9	.1	2	2	1
L30N 17+75E	15	15	.1	6	2	1
L30N 18+00E	13	10	.2	2	2	2
L30N 18+25E	14	15	.1	5	2	1
L30N 18+50E	13	19	.2	6	2	1
L30N 18+75E	11	18	.1	8	2	2
L30N 19+00E	14	17	.1	4	2	1
STD C/AU-S	60	40	6.8	43	20	53

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L30N 19+25E	11	30	.1	5	2	4
L30N 19+50E	6	12	.1	3	2	1
L30N 19+75E	8	22	.1	7	2	1
L30N 20+00E	15	19	.1	7	2	1
L30N 20+25E	17	13	.1	6	2	1
L30N 20+50E	14	12	.1	4	2	1
L30N 20+75E	12	21	.1	6	2	2
L30N 21+00E	17	23	.1	7	2	2
L30N 21+25E	17	23	.1	8	2	1
L30N 21+50E	15	24	.1	6	2	1
L30N 21+75E	16	22	.2	5	2	1
L30N 22+00E	14	19	.1	4	2	1
L30N 22+25E	13	21	.1	6	2	1
L30N 22+50E	19	16	.1	5	2	1
L30N 22+75E	13	21	.1	6	2	1
L30N 23+00E	14	15	.2	7	2	5
L30N 23+25E	13	14	.2	7	2	3
L30N 23+50E	16	17	.1	5	2	12
L30N 23+75E	14	15	.2	8	2	2
L30N 24+00E	14	12	.1	6	2	2
L30N 24+25E	19	20	.2	8	2	1
L30N 24+75E	15	8	.1	4	2	1
L30N 25+00E	10	10	.1	4	2	2
L30N 25+25E	18	10	.1	11	2	5
L30N 25+50E	24	15	.1	10	2	6
L30N 25+75E	20	15	.1	7	2	1
L30N 26+00E	21	8	.1	7	2	1
L30N 26+25E	16	9	.1	5	2	1
L30N 26+50E	13	8	.2	6	2	1
L30N 26+75E	10	12	.1	8	2	2
L30N 27+00E	11	13	.2	10	2	2
L30N 27+25E	9	13	.1	9	2	1
L30N 27+50E	16	21	.1	12	4	1
L30N 27+75E	15	11	.1	9	2	2
L30N 28+00E	11	19	.2	7	2	2
L30N 28+25E	15	19	.1	7	2	1
STD C/AU-S	58	42	6.6	41	18	50

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L30N 28+50E	24	28	.1	6	2	1	-
L30N 28+75E	15	11	.1	2	2	1	-
L30N 29+00E	16	25	.1	7	2	1	-
L30N 29+25E	14	24	.1	4	2	1	-
L30N 29+50E	20	22	.1	5	2	1	-
L26N 0+25E	26	13	.1	6	2	1	-
L26N 0+50E	22	14	.1	8	2	1	-
L26N 0+75E	20	8	.1	6	3	1	30
L26N 1+00E	11	10	.1	2	2	1	-
L26N 1+25E	15	14	.1	3	2	3	-
L26N 1+50E	14	16	.1	5	2	8	80
L26N 1+75E	23	12	.1	7	2	1	-
L26N 2+00E	21	12	.1	6	2	1	-
L26N 2+25E	15	9	.1	7	2	1	50
L26N 2+50E	22	13	.1	9	2	3	-
L26N 2+75E	19	16	.2	8	2	1	-
L26N 3+00E	13	15	.1	8	2	1	40
L26N 3+25E	18	16	.1	7	2	1	-
L26N 3+50E	20	11	.1	5	2	5	-
L26N 3+75E	22	14	.1	6	2	1	40
L26N 4+00E	15	6	.1	7	2	4	-
L26N 4+25E	18	18	.1	5.	2	1	-
L26N 4+50E	19	15	.1	8	2	1	30
L26N 4+75E	19	6	.1	4	2	6	-
L26N 5+00E	25	13	.1	9	2	1	-
L26N 5+25E	16	8	.2	4	2	1	30
L26N 5+50E	25	20	.1	8	2	1	-
L26N 5+75E	25	13	.1	6	2	2	-
L26N 6+00E	20	17	.1	6	2	4	40
L26N 6+25E	22	6	.1	5	2	5	-
L26N 6+50E	21	9	.1	5	2	1	-
L26N 6+75E	22	17	.1	9	2	1	50
L26N 7+00E	20	11	.1	9	2	1	-
L26N 7+25E	20	12	.1	14	2	1	-
L26N 7+50E	18	5	.1	8	3	1	30
L26N 7+75E	23	10	.2	7	2	1	-
STD C/AU-S	57	44	6.7	41	19	52	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L26N 8+00E	15	17	.2	5	2	1	-
L26N 8+25E	24	12	.1	8	3	1	40
L26N 8+50E	22	9	.2	4	2	2	-
L26N 8+75E	21	9	.2	8	2	3	-
L26N 9+00E	13	13	.2	3	2	1	50
L26N 9+25E	11	13	.1	6	2	3	-
L26N 9+50E	32	13	.2	8	2	1	-
L26N 9+75E	11	11	.2	5	2	1	60
L26N 10+00E	11	17	.1	6	4	2	-
L26N 10+50E	13	13	.2	2	2	1	-
L26N 10+75E	16	15	.2	5	2	1	230
L26N 11+00E	12	12	.1	4	2	2	-
L26N 11+25E	14	11	.1	2	2	1	-
L26N 11+50E	17	10	.1	4	3	1	60
L26N 11+75E	14	12	.1	5	2	1	-
L26N 12+00E	20	11	.1	4	2	1	-
L26N 12+25E	18	11	.2	4	2	3	50
L26N 12+50E	19	14	.1	7	2	1	-
L26N 12+75E	15	11	.1	5	2	1	-
L26N 13+00E	21	16	.1	3	2	1	100
L26N 13+25E	19	13	.1	2	3	1	-
L26N 13+50E	20	13	.1	4	3	4	-
L26N 13+75E	20	18	.1	7	3	1	60
L26N 14+00E	18	16	.1	3	2	1	-
L26N 14+25E	16	15	.1	2	2	3	-
L26N 14+50E	16	15	.2	3	2	1	230
L26N 14+75E	17	16	.1	5	4	1	-
L26N 15+00E	14	16	.1	3	3	1	-
L26N 15+25E	16	14	.2	3	2	1	100
L26N 15+50E	15	15	.1	2	2	2	-
L26N 15+75E	19	20	.2	7	2	1	-
L26N 16+00E	9	6	.1	2	2	2	40
L26N 16+25E	16	11	.2	4	2	1	-
L26N 16+50E	21	14	.2	8	3	16	-
L26N 16+75E	18	14	.2	4	2	1	50
L26N 17+00E	24	17	.1	9	3	1	-
STD C/AU-S	63	43	7.3	43	18	52	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L26N 17+25E	21	12	.2	7	2	2	-
L26N 17+50E	13	13	.3	4	2	1	50
L26N 17+75E	27	14	.2	7	2	1	-
L26N 18+25E	14	12	.2	10	2	2	-
L26N 18+50E	18	16	.2	13	4	1	30
L26N 18+75E	11	12	.1	8	2	1	-
L26N 19+00E	5	8	.2	2	2	1	-
L26N 19+25E	9	5	.2	5	2	1	30
L26N 19+50E	2	2	.1	2	2	24	-
L26N 19+75E	15	14	.3	5	2	4	-
L26N 20+00E	22	17	.4	10	3	1	130
L26N 20+25E	25	17	.1	9	2	17	-
L26N 20+50E	26	14	.2	8	2	7	-
L26N 20+75E	20	20	.1	10	2	2	90
L26N 21+00E	19	19	.1	6	2	26	-
L26N 21+25E	27	13	.2	8	2	28	-
L26N 21+50E	18	12	.2	6	2	7	80
L26N 21+75E	21	17	.1	8	4	16	-
L26N 22+00E	17	10	.3	5	2	1	-
L26N 22+25E	14	14	.2	8	2	3	50
L26N 22+50E	23	22	.1	10	2	17	-
L26N 22+75E	5	4	.1	2	2	1	-
L26N 23+00E	16	8	.2	5	2	41	20
L26N 23+25E	17	13	.1	11	2	6	-
L26N 23+50E	12	10	.1	8	2	8	-
L26N 23+75E	11	10	.1	7	2	13	60
L26N 24+00E	13	10	.1	11	2	1	-
L26N 24+25E	13	19	.1	10	2	5	-
L26N 24+50E	12	15	.1	10	2	3	50
L26N 24+75E	8	12	.1	6	2	1	-
L26N 25+00E	8	10	.1	7	2	5	-
L26N 25+25E	2	5	.1	2	2	11	10
L26N 25+50E	12	12	.1	6	2	10	-
L26N 25+75E	18	10	.1	12	2	2	-
L26N 26+00E	13	13	.1	5	2	2	20
L26N 26+25E	13	11	.1	8	4	1	-
STD C/AU-S	58	42	6.7	42	17	48	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L26N 26+50E	17	13	.1	4	2	1	-
L26N 26+75E	18	18	.1	7	3	10	110
L26N 27+00E	28	11	.2	6	2	1	-
L26N 27+25E	11	18	.1	8	2	5	-
L26N 27+50E	11	20	.2	5	2	1	20
L26N 27+75E	14	18	.1	4	2	2	-
L26N 28+00E	20	16	.1	10	2	1	-
L26N 28+25E	14	19	.1	9	2	1	30
L26N 28+50E	13	13	.2	7	2	9	-
L26N 28+75E	7	15	.1	2	2	1	-
L26N 29+00E	7	19	.2	2	2	1	20
L26N 29+25E	9	15	.1	5	2	1	-
L26N 29+50E	14	21	.1	12	2	2	-
L26N 29+75E	22	11	.2	9	2	3	20
L26N 30+00E	17	13	.1	9	3	25	-
L26N 30+25E	25	20	.1	8	2	1	-
L26N 30+50E	26	28	.2	6	2	13	20
L26N 30+75E	15	17	.2	5	2	10	-
L26N 31+00E	14	24	.1	9	4	2	-
L22N 0+25E	17	10	.1	8	2	1	-
L22N 0+50E	25	11	.2	10	2	1	-
L22N 0+75E	18	14	.1	10	2	2	-
L22N 1+00E	24	17	.1	10	2	1	-
L22N 1+25E	32	13	.1	11	2	2	-
L22N 1+50E	21	13	.2	10	2	1	-
L22N 1+75E	20	17	.2	9	2	1	-
L22N 2+00E	18	11	.1	10	2	1	-
L22N 2+25E	21	16	.1	12	7	1	-
L22N 2+50E	16	11	.1	8	2	1	-
L22N 2+75E	17	32	.1	7	2	7	-
L22N 3+00E	15	19	.1	9	2	9	-
L22N 3+25E	17	17	.1	11	2	1	-
L22N 3+50E	15	17	.1	9	2	22	-
L22N 3+75E	25	19	.2	9	2	1	-
L22N 4+00E	27	17	.1	8	2	1	-
L22N 4+25E	23	13	.1	10	2	1	-
STD C/AU-S	60	43	7.3	40	16	50	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L22N 4+50E	30	17	.2	8	2	4
L22N 4+75E	28	15	.3	5	2	1
L22N 5+00E	38	11	.1	9	4	1
L22N 5+25E	27	13	.1	7	5	1
L22N 5+50E	22	13	.1	8	4	1
L22N 5+75E	26	11	.1	5	2	2
L22N 6+00E	27	15	.1	7	2	1
L22N 6+25E	25	10	.1	6	2	1
L22N 6+50E	19	17	.1	10	7	2
L22N 6+75E	25	14	.1	6	2	1
L22N 7+00E	27	17	.1	5	2	8
L22N 7+25E	13	18	.1	8	6	1
L22N 7+50E	6	4	.2	3	2	1
L22N 7+75E	7	11	.1	4	2	1
L22N 8+00E	11	13	.1	8	4	2
L22N 8+25E	13	13	.1	5	2	1
L22N 8+50E	21	15	.1	10	5	5
L22N 8+75E	17	27	.1	21	13	1
L22N 9+00E	11	14	.1	8	3	1
L22N 9+25E	24	24	.1	8	2	1
L22N 9+50E	12	18	.1	5	4	2
L22N 9+75E	13	13	.1	3	2	1
L22N 10+00E	9	12	.1	3	2	1
L22N 10+25E	12	7	.1	4	2	1
L22N 10+50E	11	10	.1	3	2	1
L22N 10+75E	15	10	.1	4	2	1
L22N 11+00E	12	9	.1	3	3	1
L22N 11+25E	14	8	.1	4	2	1
L22N 11+50E	15	13	.2	6	4	8
L22N 11+75E	13	13	.1	6	4	1
L22N 12+00E	20	12	.1	3	4	1
L22N 12+25E	16	14	.1	5	2	1
L22N 12+50E	17	9	.1	5	2	1
L22N 12+75E	15	9	.1	4	2	1
L22N 13+00E	13	12	.1	5	2	1
L22N 13+25E	16	15	.1	6	3	1
STD C/AU-S	59	38	6.7	39	18	53

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L22N 13+50E	14	17	.1	5	2	1
L22N 13+75E	16	16	.1	5	2	2
L22N 14+00E	12	16	.1	4	2	1
L22N 14+25E	13	10	.1	3	3	1
L22N 14+50E	17	17	.1	3	2	1
L22N 14+75E	15	20	.1	7	2	1
L22N 15+00E	13	22	.1	5	2	1
L22N 15+25E	12	15	.1	5	2	1
L22N 15+50E	24	17	.1	7	2	2
L22N 15+75E	12	12	.1	5	2	1
L22N 16+00E	14	17	.1	5	2	17
L22N 16+25E	19	12	.1	5	2	2
L22N 16+50E	13	14	.1	7	2	1
L22N 16+75E	20	22	.1	7	2	1
L22N 17+00E	13	16	.1	6	2	1
L22N 17+25E	16	26	.1	14	2	2
L22N 17+50E	15	26	.1	10	2	1
L22N 17+75E	10	12	.1	4	2	1
L22N 18+00E	11	14	.1	5	2	2
L22N 18+25E	12	19	.1	8	2	1
L22N 18+50E	17	19	.1	10	2	1
L22N 18+75E	16	22	.1	15	2	1
L22N 19+00E	23	18	.1	12	2	2
L22N 19+25E	8	6	.2	3	2	1
L22N 19+50E	13	14	.1	14	2	1
L22N 19+75E	16	14	.1	8	2	2
L22N 20+00E	32	15	.1	14	2	1
L22N 20+25E	18	15	.1	7	2	1
L22N 20+50E	23	12	.1	15	2	1
L22N 20+75E	24	18	.1	10	3	1
L22N 21+00E	13	10	.1	7	2	1
L22N 21+25E	15	18	.1	9	2	2
L22N 21+50E	17	16	.1	9	2	1
L22N 21+75E	18	14	.1	12	2	1
L22N 22+00E	16	15	.1	6	2	1
L22N 22+25E	13	19	.1	8	2	1
STD C/AU-S	57	43	7.1	40	18	52

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L22N 22+50E	17	18	.2	6	3	4
L22N 22+75E	12	18	.2	5	3	1
L22N 23+00E	19	18	.2	7	3	2
L22N 23+25E	17	16	.1	6	2	6
L22N 23+50E	14	13	.1	6	2	1
L22N 23+75E	20	10	.1	8	2	1
L22N 24+00E	21	15	.1	10	2	2
L22N 24+25E	18	12	.2	5	2	2
L22N 24+50E	18	14	.1	7	3	1
L22N 24+75E	24	17	.1	10	3	1
L22N 25+00E	17	17	.1	7	3	2
L22N 25+25E	29	7	.2	5	2	1
L22N 25+50E	17	17	.2	7	2	1
L22N 25+75E	18	12	.2	7	2	1
L22N 26+00E	18	12	.2	5	3	1
L22N 26+25E	22	15	.2	6	2	4
L22N 26+50E	20	15	.2	8	2	2
L18N 0+25E	13	18	.1	7	2	2
L18N 0+50E	15	17	.1	11	2	1
L18N 0+75E	25	16	.1	12	4	4
L18N 1+00E	16	16	.1	9	2	1
L18N 1+25E	16	12	.1	8	3	3
L18N 1+50E	18	17	.1	8	2	11
L18N 1+75E	18	14	.2	9	3	10
L18N 2+00E	13	16	.1	9	3	1
L18N 2+25E	16	12	.2	2	3	2
L18N 2+50E	13	17	.1	10	2	3
L18N 3+00E	11	17	.1	9	3	5
L18N 3+25E	8	12	.1	5	3	2
L18N 3+50E	9	13	.1	6	2	2
L18N 3+75E	13	20	.1	6	2	19
L18N 4+00E	13	14	.2	6	2	2
L18N 4+25E	11	13	.1	3	2	12
L18N 4+50E	12	17	.1	7	2	16
L18N 4+75E	18	15	.1	6	2	25
L18N 5+00E	10	15	.1	9	3	4
STD C/AU-S	60	42	6.8	42	20	47

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB
L18N 5+25E	7	7	.2	2	2	2
L18N 5+50E	16	3	.1	2	2	4
L18N 5+75E	8	15	.1	2	2	4
L18N 6+00E	16	11	.1	2	2	10
L18N 6+25E	10	2	.1	3	2	12
L18N 6+50E	11	8	.2	3	2	7
L18N 6+75E	14	10	.2	5	2	12
L18N 7+00E	13	2	.1	2	2	14
L18N 7+25E	16	2	.1	2	2	13
L18N 7+50E	11	8	.2	2	2	6
L18N 7+75E	13	11	.2	2	2	19
L18N 8+25E	13	7	.1	4	2	9
L18N 9+00E	13	4	.1	5	2	5
L18N 10+00E	14	17	.1	5	2	24
L18N 10+25E	14	13	.1	9	2	6
L18N 10+50E	5	2	.1	2	4	17
L18N 10+75E	24	15	.1	7	6	8
L18N 11+00E	3	2	.1	2	3	9
L18N 11+25E	15	15	.1	14	5	22
STD C/AU-S	59	39	6.7	38	19	50

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L18N 11+50E	16	21	.1	13	2	13	-
L18N 11+75E	18	18	.1	11	2	11	-
L18N 12+00E	9	13	.3	8	3	27	-
L18N 12+25E	18	14	.1	7	2	4	-
L18N 12+50E	13	7	.1	5	3	22	-
L18N 12+75E	17	7	.1	8	3	5	-
L18N 13+00E	8	20	.1	4	2	9	-
L18N 13+50E	14	10	.2	2	2	2	-
L18N 13+75E	18	28	.1	8	2	20	-
L18N 14+00E	3	2	.1	2	3	2	-
L18N 14+25E	19	16	.1	7	2	11	-
L18N 14+50E	22	16	.1	7	2	9	-
L18N 14+75E	7	15	.1	3	2	2	-
L18N 15+50E	20	23	.1	4	2	7	-
L18N 15+75E	21	29	.1	5	2	8	-
L18N 17+00E	13	14	.1	3	2	6	-
L18N 17+50E	11	37	.1	3	2	7	-
L18N 18+25E	13	22	.1	4	3	4	-
L18N 18+50E	20	25	.1	4	2	3	-
L18N 18+75E	20	27	.1	4	2	5	-
L18N 19+00E	15	19	.1	6	2	13	-
L18N 19+25E	15	21	.1	6	2	2	-
L18N 19+50E	17	19	.1	9	2	1	-
L18N 19+75E	15	15	.1	8	3	2	-
L18N 20+00E	12	13	.1	2	2	1	-
L18N 20+25E	20	25	.1	6	2	1	-
L18N 20+50E	14	14	.1	7	2	1	-
L18N 20+75E	10	21	.1	8	2	1	-
L18N 21+00E	20	31	.2	12	3	1	-
L18N 21+25E	12	17	.3	10	2	1	-
L18N 21+50E	18	22	.1	8	3	1	-
L18N 21+75E	20	33	.2	14	2	1	-
L18N 22+00E	12	42	.3	8	3	4	-
L14N 0+25E	12	17	.2	11	3	1	-
L14N 0+50E	9	11	.2	6	2	2	10
L14N 0+75E	13	19	.1	9	2	1	-
STD C/AU-S	61	44	6.9	44	17	47	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L14N 1+00E	20	15	.1	12	2	5	30
L14N 1+25E	10	13	.1	7	3	1	-
L14N 1+50E	10	18	.1	7	2	3	10
L14N 1+75E	10	16	.1	8	2	2	-
L14N 2+00E	6	11	.1	4	2	1	20
L14N 2+25E	5	9	.1	6	2	1	-
L14N 2+50E	11	21	.1	9	2	1	30
L14N 2+75E	8	7	.2	7	2	1	-
L14N 3+00E	15	17	.1	7	2	1	20
L14N 3+25E	13	7	.3	7	3	1	-
L14N 3+50E	15	17	.1	10	3	3	20
L14N 3+75E	13	12	.1	5	2	1	-
L14N 4+00E	16	15	.1	5	3	1	30
L14N 4+25E	12	12	.2	10	3	1	-
L14N 4+50E	14	20	.1	6	3	1	20
L14N 4+75E	9	3	.1	3	2	1	-
L14N 5+00E	2	4	.1	2	2	1	10
L14N 5+25E	14	13	.1	9	2	1	-
L14N 5+50E	8	6	.1	4	2	1	10
L14N 5+75E	14	18	.1	3	2	1	-
L14N 6+00E	10	17	.1	5	2	2	30
L14N 6+25E	8	16	.1	9	2	1	-
L14N 6+50E	4	4	.1	4	2	1	10
L14N 6+75E	4	3	.1	2	2	1	-
L14N 7+00E	9	16	.1	7	2	9	10
L14N 7+25E	11	16	.1	5	2	2	-
L14N 7+50E	15	23	.1	7	2	1	30
L14N 7+75E	11	11	.2	3	2	1	-
L14N 8+00E	1	4	.2	2	2	1	10
L14N 8+25E	19	9	.2	3	2	1	-
L14N 8+50E	7	10	.1	3	2	1	20
L14N 8+75E	11	14	.1	5	2	1	-
L14N 9+00E	15	16	.1	7	2	2	30
L14N 9+25E	6	14	.2	3	2	2	-
L14N 9+50E	16	18	.1	5	2	1	60
L14N 9+75E	36	15	.1	3	2	1	-
STD C/AU-S	59	43	7.0	40	19	50	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L14N 10+00E	17	6	.1	2	2	2	70
L14N 10+25E	9	17	.1	4	2	1	-
L14N 10+50E	11	8	.1	2	2	1	10
L14N 10+75E	12	14	.2	3	2	1	-
L14N 11+25E	22	4	.1	4	2	1	60
L14N 11+50E	12	2	.1	3	2	2	-
L14N 11+75E	12	2	.1	2	3	1	30
L14N 12+00E	13	5	.1	6	2	1	-
L14N 12+25E	12	5	.1	3	2	4	20
L14N 12+50E	14	5	.1	4	2	1	-
L14N 12+75E	20	10	.1	3	2	3	100
L14N 13+25E	14	4	.1	2	2	1	-
L14N 13+50E	10	12	.3	2	2	1	20
L14N 13+75E	14	13	.1	3	2	1	-
L14N 14+00E	13	4	.1	2	2	1	40
L14N 14+25E	15	2	.1	2	2	1	-
L14N 14+50E	20	8	.1	4	2	1	30
L14N 14+75E	13	2	.1	2	2	2	-
L14N 15+00E	16	11	.1	2	2	2	40
L14N 15+25E	16	10	.1	4	2	5	-
L14N 15+50E	12	2	.1	4	2	1	40
L14N 15+75E	13	2	.1	2	2	1	-
L14N 16+00E	13	8	.1	2	2	1	30
L14N 16+25E	11	5	.1	2	3	2	-
L14N 16+50E	14	9	.1	2	2	1	30
L14N 17+00E	14	4	.1	2	3	1	-
L12N 5+00W	27	11	.7	35	2	5	80
L12N 4+75W	41	8	.4	121	2	8	-
L12N 4+50W	32	8	.5	40	3	3	30
L12N 4+25W	21	10	.2	33	2	1	-
L12N 4+00W	8	2	.1	2	3	1	10
L12N 3+75W	25	12	.2	39	3	1	20
L12N 3+50W	14	15	.2	25	3	1	-
L12N 3+25W	3	2	.2	2	3	1	10
L12N 3+00W	8	14	.1	10	3	1	-
L12N 2+75W	9	6	.1	8	2	1	20
STD C/AU-S	61	39	7.1	40	18	54	1300

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SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L12N 2+50W	19	14	.3	7	2	2	-
L12N 2+25W	19	14	.3	8	2	1	120
L12N 2+00W	16	12	.2	3	2	2	-
L12N 1+75W	10	9	.3	2	2	1	30
L12N 1+50W	6	6	.3	2	2	2	-
L12N 1+25W	12	7	.2	2	2	1	60
L12N 1+00W	8	5	.2	2	2	1	-
L12N 0+75W	16	14	.2	13	6	1	50
L12N 0+50W	21	11	.1	6	6	1	-
L12N 0+25W	12	6	.2	5	2	1	40
L12N 0+25E	20	9	.1	6	2	1	60
L12N 0+50E	13	16	.1	6	2	1	-
L12N 0+75E	33	29	.1	8	3	3	170
L12N 1+00E	21	10	.1	6	4	4	-
L12N 1+25E	10	14	.1	4	2	1	30
L12N 1+50E	26	17	.1	6	2	1	-
L12N 1+75E	13	19	.1	5	2	1	40
L12N 2+00E	12	9	.1	7	3	1	-
L12N 2+25E	18	13	.1	8	2	1	60
L12N 2+50E	17	12	.1	6	3	1	-
L12N 2+75E	20	12	.1	4	2	3	90
L12N 3+00E	20	13	.1	3	2	1	-
L12N 3+25E	21	14	.1	4	2	2	80
L12N 3+50E	9	14	.1	5	2	2	-
L12N 3+75E	20	17	.1	7	2	1	40
L12N 4+00E	13	9	.1	6	2	1	-
L12N 4+25E	17	11	.1	5	2	4	60
L12N 4+50E	18	18	.1	9	5	1	-
L12N 4+75E	14	7	.1	7	2	1	30
L12N 5+00E	19	5	.1	4	2	2	-
L12N 5+25E	20	11	.1	5	2	1	180
L12N 5+50E	20	16	.1	6	2	1	-
L12N 5+75E	16	12	.1	5	2	1	70
L12N 6+00E	18	13	.1	5	2	1	-
L12N 6+25E	17	13	.1	6	2	2	80
L12N 6+50E	17	11	.1	9	3	1	-
STD C/AU-S	60	42	7.3	43	20	53	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L12N 6+75E	14	12	.2	6	2	1	30
L12N 7+00E	15	15	.2	7	2	1	-
L12N 7+25E	13	14	.1	7	2	1	20
L12N 7+50E	16	10	.2	6	2	2	-
L12N 7+75E	11	17	.1	5	2	1	30
L12N 8+00E	8	10	.2	5	2	2	-
L12N 8+25E	17	15	.2	5	2	1	60
L12N 8+50E	9	15	.1	6	2	2	-
L12N 8+75E	12	13	.2	6	2	1	20
L12N 9+00E	16	21	.1	8	2	1	-
L12N 9+25E	7	14	.1	5	2	1	20
L12N 9+50E	12	9	.1	8	2	2	-
L12N 9+75E	16	14	.2	5	2	3	50
L12N 10+00E	16	14	.1	7	2	1	-
L12N 10+25E	13	9	.2	6	2	4	10
L12N 10+50E	12	13	.2	7	3	1	-
L12N 10+75E	17	15	.1	8	2	2	20
L12N 11+00E	11	12	.1	4	2	1	-
L12N 11+25E	12	21	.1	12	3	1	40
L12N 11+50E	20	11	.1	5	2	3	-
L12N 11+75E	16	11	.1	5	2	1	70
L12N 12+00E	19	9	.1	7	2	1	-
L12N 12+25E	12	7	.1	5	2	2	90
L12N 12+50E	15	13	.1	11	2	1	-
L12N 12+75E	15	13	.1	8	2	1	30
L12N 13+00E	14	9	.1	11	3	2	-
L12N 13+25E	18	18	.1	7	2	1	40
L12N 13+50E	14	10	.1	7	2	4	-
L12N 13+75E	10	7	.1	4	2	2	30
L12N 14+00E	16	13	.1	10	2	3	-
L12N 14+25E	12	15	.1	6	2	1	10
L12N 14+50E	20	16	.1	12	2	1	-
L10N 12+00W	10	10	.1	16	2	2	20
L10N 11+75W	19	16	.2	48	2	5	-
L10N 11+50W	33	28	.2	105	2	11	20
L10N 11+25W	29	23	.9	56	2	8	-
STD C/AU-S	58	45	6.5	42	16	49	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L10N 11+00W	32	18	.1	27	2	5	120
L10N 10+75W	27	15	.1	21	2	7	-
L10N 10+50W	28	14	.2	35	2	3	30
L10N 10+25W	14	17	.1	42	2	4	-
L10N 10+00W	53	23	.5	248	2	33	70
L10N 9+75W	66	28	.2	17	2	5	-
L10N 9+50W	50	27	.3	231	2	34	20
L10N 9+25W	34	25	.7	64	2	11	-
L10N 9+00W	18	18	.3	23	2	8	30
L10N 8+75W	18	22	.2	49	3	6	-
L10N 8+50W	23	20	.5	44	2	9	160
L10N 8+25W	14	17	.3	34	2	10	-
L10N 8+00W	19	17	.1	42	2	2	20
L10N 7+75W	47	30	.1	131	2	8	-
L10N 7+50W	5	4	.5	3	2	2	40
L10N 7+25W	5	8	.2	2	2	2	-
L10N 7+00W	30	23	.1	74	2	3	30
L10N 6+75W	36	26	.1	161	2	10	-
L10N 6+50W	3	6	.1	3	2	1	60
L10N 6+25W	25	22	.1	41	2	4	-
L10N 6+00W	41	25	.1	30	2	1	100
L10N 5+75W	22	15	.1	35	2	1	-
L10N 5+50W	4	2	.1	2	2	1	30
L10N 5+25W	21	13	.1	14	2	1	-
L10N 5+00W	16	13	.2	9	2	1	40
L10N 4+75W	22	19	.1	17	2	12	-
L10N 4+50W	16	15	.1	14	2	1	170
L10N 4+25W	11	7	.2	13	2	2	-
L10N 4+00W	11	12	.1	7	2	1	40
L10N 3+75W	14	11	.1	6	2	1	-
L10N 3+50W	12	7	.2	2	2	2	50
L10N 3+25W	36	11	.2	7	2	1	-
L10N 3+00W	35	13	.2	16	2	1	70
L10N 2+75W	21	7	.2	11	2	1	-
L10N 2+50W	41	18	.2	112	2	4	90
L10N 2+25W	28	12	.1	19	2	4	-
STD C/AU-S	60	44	7.1	41	16	49	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L10N 1+75W	22	15	.4	19	2	13	40
L10N 1+50W	19	10	.2	13	2	2	-
L10N 1+25W	22	17	.2	18	2	4	50
L10N 1+00W	27	17	.1	27	2	5	-
L10N 0+75W	14	18	.1	9	2	1	200
L10N 0+50W	8	4	.1	4	2	1	-
L10N 0+25W	11	11	.1	6	2	1	10
L10N 0+25E	5	12	.3	3	2	3	-
L10N 0+50E	11	15	.1	11	2	1	20
L10N 0+75E	7	13	.1	7	2	3	-
L10N 1+00E	9	14	.2	7	2	12	20
L10N 1+25E	8	9	.2	8	2	6	-
L10N 1+50E	11	13	.1	7	2	1	50
L10N 1+75E	10	11	.1	7	2	1	-
L10N 2+00E	15	13	.2	13	3	1	250
L10N 2+25E	18	9	.2	6	2	2	-
L10N 2+50E	14	9	.1	4	2	1	50
L10N 2+75E	14	10	.1	5	2	2	-
L10N 3+00E	18	3	.1	4	2	3	30
L10N 3+25E	13	9	.3	5	2	1	-
L10N 3+50E	15	12	.1	3	2	4	40
L10N 3+75E	15	14	.1	5	2	2	-
L10N 4+00E	16	15	.1	4	2	1	50
L10N 4+25E	15	15	.1	5	2	1	-
L10N 4+50E	12	12	.1	3	2	1	30
L10N 4+75E	14	10	.2	7	2	1	-
L10N 5+00E	13	12	.1	4	2	1	30
L10N 5+25E	15	15	.1	5	2	4	-
L10N 5+50E	15	18	.2	3	2	1	40
L10N 5+75E	14	14	.1	4	2	1	-
L10N 6+00E	14	8	.1	2	2	2	30
L10N 6+25E	17	9	.1	2	2	1	-
L10N 6+50E	13	11	.1	5	3	1	40
L10N 6+75E	11	18	.1	6	2	3	10
L10N 7+00E	12	19	.1	10	2	1	20
L10N 7+50E	18	13	.1	7	2	3	-
STD C/AU-S	58	42	6.7	42	16	52	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L10N 7+75E	14	10	.2	3	3	1	110
L10N 8+00E	23	5	.1	7	2	2	-
L10N 8+25E	26	6	.1	7	4	1	70
L10N 8+50E	20	8	.1	6	2	1	-
L10N 8+75E	20	9	.2	8	2	3	160
L10N 9+00E	20	9	.1	3	3	1	-
L10N 9+25E	21	9	.1	7	3	1	40
L10N 9+50E	11	8	.1	8	11	4	-
L10N 9+75E	12	7	.2	6	4	1	30
L10N 10+00E	15	11	.2	10	6	5	-
L10N 10+25E	13	7	.2	7	3	2	40
L10N 10+50E	19	5	.2	4	3	2	-
L10N 10+75E	16	8	.1	8	4	4	70
L10N 11+00E	25	9	.1	4	4	2	-
L10N 11+25E	20	7	.1	4	4	4	50
L10N 11+50E	12	11	.1	4	3	2	-
L10N 11+75E	20	7	.1	7	4	1	60
L10N 12+00E	15	8	.1	5	3	2	-
L8N 20+00W	43	29	.4	71	7	7	230
L8N 19+75W	51	40	.6	115	5	10	-
L8N 19+50W	54	26	.3	45	7	4	90
L8N 19+25W	87	34	.3	126	5	3	-
L8N 19+00W	61	34	.4	45	12	4	70
L8N 18+75W	44	26	.3	46	6	7	-
L8N 18+50W	27	21	.1	40	5	5	30
L8N 18+25W	64	21	.4	48	7	8	-
L8N 18+00W	41	17	.1	31	10	6	30
L8N 17+75W	23	19	.1	36	8	5	-
L8N 17+50W	24	12	.3	24	4	9	120
L8N 17+25W	22	14	.1	35	6	5	-
L8N 17+00W	32	16	.1	33	8	7	40
L8N 16+75W	19	9	.1	19	2	8	-
L8N 16+50W	36	14	.1	32	7	4	50
L8N 16+25W	37	20	.2	38	3	5	-
L8N 16+00W	34	17	.2	45	4	8	120
L8N 15+75W	33	12	.1	35	7	9	-
STD C/AU-S	62	40	6.8	42	16	49	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L8N 15+50W	26	15	.2	38	9	13	100
L8N 15+25W	24	6	.2	13	2	6	-
L8N 15+00W	36	13	.2	32	2	10	50
L8N 14+75W	17	10	.2	37	2	3	-
L8N 14+50W	13	12	.2	44	2	13	50
L8N 14+25W	15	7	.3	79	2	5	-
L8N 14+00W	20	12	.3	43	2	6	100
L8N 13+75W	21	16	.3	42	3	18	-
L8N 13+50W	16	24	.2	29	9	1	30
L8N 13+25W	10	15	.2	9	4	17	-
L8N 13+00W	16	21	.6	30	2	1	40
L8N 12+75W	40	28	.4	57	4	9	-
L8N 12+50W	12	13	.2	7	2	10	40
L8N 12+25W	4	2	.2	3	2	1	-
L8N 12+00W	6	12	.2	21	2	1	40
L8N 11+75W	4	9	.3	4	2	1	-
L8N 11+50W	34	13	.2	26	9	3	40
L8N 11+25W	6	9	.3	3	2	23	-
L8N 11+00W	5	3	.4	2	2	36	70
L8N 10+75W	7	3	.4	8	2	10	-
L8N 10+50W	32	24	.1	388	3	12	50
L8N 10+25W	24	23	.9	81	2	11	-
L8N 10+00W	49	21	.2	161	8	10	30
L8N 9+75W	47	19	1.1	55	4	4	-
L8N 9+50W	20	15	.4	18	2	7	20
L8N 9+25W	3	3	.2	2	2	1	-
L8N 9+00W	22	20	.8	153	4	34	220
L8N 8+75W	7	6	.5	10	2	29	-
L8N 8+50W	20	19	1.2	34	3	9	130
L8N 8+25W	24	13	1.3	48	2	11	-
L8N 8+00W	28	17	.8	153	2	21	20
L8N 7+75W	34	13	.6	99	2	825	-
L8N 7+50W	50	19	.6	134	2	34	20
L8N 7+25W	39	16	1.2	27	2	5	-
L8N 7+00W	42	11	.6	58	2	6	70
L8N 6+75W	31	21	.1	127	3	36	-
STD C/AU-S	59	42	6.9	39	16	48	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L8N 6+50W	20	20	.2	28	2	2	50
L8N 6+25W	17	16	.5	30	2	6	-
L8N 6+00W	25	25	.5	36	2	5	40
L8N 5+75W	17	18	.2	10	2	7	-
L8N 5+50W	45	18	.2	12	3	28	130
L8N 5+25W	40	20	.1	14	2	1	-
L8N 5+00W	45	23	.4	105	3	14	140
L8N 4+75W	27	18	.3	41	2	1	-
L8N 4+50W	32	29	.5	15	2	1	120
L8N 4+25W	28	27	.2	23	2	1	-
L8N 4+00W	33	23	.6	19	2	2	130
L8N 3+75W	17	17	.2	12	2	8	-
L8N 3+50W	12	15	.3	26	2	1	20
L8N 3+25W	18	18	.3	23	2	11	-
L8N 3+00W	17	20	.1	40	2	6	30
L8N 2+75W	17	11	.5	28	2	4	-
L8N 2+50W	26	20	.2	36	2	5	30
L8N 2+00W	49	20	.6	65	3	18	-
L8N 1+50W	48	16	.4	44	2	10	80
L8N 1+25W	39	20	.5	41	3	7	-
L8N 1+00W	32	17	.2	46	2	1	80
L8N 0+75W	32	18	.3	29	2	6	-
L8N 0+50W	39	32	.3	37	2	9	190
L6N 26+50W	29	19	.4	16	2	1	-
L6N 26+25W	53	15	.3	20	2	6	50
L6N 26+00W	44	19	.5	24	2	1	-
L6N 25+75W	12	7	.1	6	2	2	30
L6N 25+50W	34	20	.2	22	2	1	-
L6N 25+25W	66	23	.2	33	2	6	40
L6N 25+00W	67	22	.3	76	2	8	-
L6N 24+75W	45	23	.3	57	2	7	40
L6N 24+50W	45	170	.3	204	2	43	-
L6N 24+25W	23	21	.2	40	2	3	120
L6N 24+00W	19	11	.1	8	2	1	-
L6N 23+75W	34	16	.2	20	3	1	110
L6N 23+50W	25	37	.6	40	3	14	-
STD C/AU-S	59	39	7.1	38	16	51	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L6N 23+25W	34	21	.5	14	3	5	90
L6N 23+00W	38	14	.2	50	2	13	-
L6N 22+75W	84	25	.3	34	2	10	100
L6N 22+50W	114	31	.4	104	2	17	-
L6N 22+25W	48	23	.2	37	2	10	60
L6N 22+00W	52	14	.7	116	2	16	-
L6N 21+75W	18	16	.2	28	3	8	50
L6N 21+50W	42	31	.2	102	3	25	-
L6N 21+25W	46	21	.3	33	2	24	30
L6N 21+00W	42	14	.2	35	3	31	-
L6N 20+75W	54	22	.2	65	2	4	30
L6N 20+50W	50	20	.3	44	3	12	-
L6N 20+25W	22	15	.4	43	2	1	70
L6N 20+00W	11	5	.2	4	2	9	-
L6N 19+75W	64	63	.3	138	2	18	50
L6N 19+50W	78	36	.3	135	2	8	-
L6N 19+25W	65	37	.3	119	2	7	300
L6N 19+00W	27	13	.2	17	2	36	-
L6N 18+75W	53	23	.2	90	2	23	40
L6N 18+50W	38	20	.2	58	2	21	-
L6N 18+25W	37	19	.3	38	3	12	30
L6N 18+00W	26	13	.6	24	2	10	-
L6N 17+75W	11	9	.2	10	2	9	100
L6N 17+25W	29	12	.2	23	2	17	-
L6N 17+00W	26	12	.1	14	2	15	40
L6N 16+75W	25	21	.3	17	2	24	-
L6N 16+50W	25	14	.1	17	2	8	50
L6N 16+25W	23	9	.2	15	2	10	-
L6N 16+00W	27	11	.1	21	2	8	70
L6N 15+75W	26	12	.1	22	2	9	-
L6N 15+50W	30	12	.4	17	3	4	40
L6N 15+25W	17	13	.5	18	2	13	-
L6N 15+00W	48	24	.9	49	2	8	90
L6N 14+75W	41	12	.5	11	2	3	-
L6N 14+50W	30	16	.3	23	2	5	20
L6N 14+25W	50	18	.8	65	2	22	-
STD C/AU-S	61	42	6.6	40	18	47	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L6N 14+00W	39	17	.4	49	2	1	60
L6N 13+75W	23	15	.1	95	2	11	-
L6N 13+50W	28	29	1.0	214	2	22	70
L6N 13+25W	12	42	.3	39	2	4	-
L6N 13+00W	12	49	.2	20	2	1	20
L6N 12+75W	16	31	.1	41	2	1	-
L6N 12+50W	15	18	.2	41	2	1	20
L6N 12+25W	62	41	.1	143	3	2	-
L6N 12+00W	57	20	.3	21	2	2	30
L6N 11+75W	29	26	.1	17	2	1	-
L6N 11+50W	34	27	.1	55	2	5	20
L6N 11+25W	18	13	.5	10	2	1	-
L6N 11+00W	2	11	.1	2	2	1	10
L6N 10+75W	31	15	.1	41	2	1	-
L6N 10+50W	9	6	.3	19	2	1	40
L6N 10+25W	34	15	.6	50	2	3	-
L6N 10+00W	34	37	.9	386	2	70	50
L6N 9+75W	15	21	.2	144	2	17	-
L6N 9+50W	9	16	.3	51	2	2	10
L6N 9+25W	35	29	.1	1056	2	77	-
L6N 9+00W	18	23	.9	708	3	188	20
L6N 8+75W	32	19	.5	137	2	23	-
L6N 8+50W	10	13	1.0	18	2	1	10
L6N 8+25W	19	23	1.3	71	3	1	-
L6N 8+00W	17	24	.5	66	2	2	20
L6N 7+75W	17	20	.3	52	2	1	-
L6N 7+50W	4	15	.3	7	2	7	10
L6N 7+25W	15	32	.3	18	2	3	-
L6N 7+00W	22	30	1.1	22	3	1	20
L6N 6+75W	24	29	.3	48	2	23	-
L6N 6+50W	24	24	.5	50	3	2	30
L6N 6+25W	57	45	2.1	565	2	47	-
L6N 6+00W	49	39	1.5	556	2	56	30
L6N 5+75W	49	33	1.5	300	2	83	-
L6N 5+50W	47	19	.8	79	3	1	50
L6N 5+25W	32	19	.4	66	2	2	-
STD C/AU-S	57	41	7.2	42	17	53	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L6N 5+00W	23	16	.2	39	2	6	30
L6N 4+75W	13	13	.3	10	2	1	-
L6N 4+50W	16	15	.1	25	2	4	10
L6N 4+25W	28	19	.1	23	3	2	-
L6N 4+00W	29	20	.1	40	2	1	30
L6N 3+75W	25	12	.3	17	2	1	-
L6N 3+50W	27	18	.4	62	2	3	50
L6N 3+25W	20	9	.2	77	2	13	-
L6N 3+00W	20	17	.2	67	2	4	30
L6N 2+75W	24	21	.1	70	3	5	-
L6N 2+50W	17	19	.2	73	2	2	20
L6N 2+25W	38	13	.1	96	2	5	-
L6N 2+00W	38	17	.8	123	2	15	130
L6N 1+75W	32	17	.3	19	2	1	-
L6N 1+50W	28	17	.1	16	2	1	30
L6N 1+25W	24	18	.1	14	2	1	-
L6N 1+00W	11	12	.1	7	2	2	5
L6N 0+75W	48	16	.2	17	3	1	-
L6N 0+50W	20	8	.2	4	2	1	60
L6N 0+25W	13	5	.1	2	2	1	-
L6N 0+00W	15	6	.1	2	2	1	30
L6N 0+25E	20	12	.1	5	2	1	-
L6N 0+50E	16	15	.1	7	2	2	50
L6N 0+75E	22	13	.1	4	2	1	-
L6N 1+00E	20	10	.1	7	2	2	1200
L6N 1+25E	21	14	.2	10	2	1	-
L6N 1+50E	15	8	.1	4	2	1	430
L6N 1+75E	12	10	.1	5	2	1	-
L6N 2+00E	22	13	.1	9	2	1	8200
L6N 2+25E	18	12	.1	7	2	2	-
L6N 2+50E	23	10	.1	8	2	1	9200
L6N 2+75E	28	13	.1	9	2	1	-
L6N 3+00E	26	9	.1	6	2	1	300
L6N 3+25E	26	14	.1	9	2	6	-
L6N 3+50E	21	9	.1	8	2	1	310
L6N 3+75E	22	12	.1	7	2	1	-
STD C/AU-S	57	37	6.7	38	20	48	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L6N 4+00E	23	11	.2	6	2	3	190
L6N 4+50E	15	10	.1	4	2	1	-
L6N 4+75E	13	8	.3	5	2	1	40
L6N 5+00E	18	13	.2	6	2	1	-
L6N 5+25E	21	9	.1	6	2	1	50
L6N 5+50E	16	14	.2	6	2	1	-
L6N 5+75E	18	11	.1	9	2	1	50
L6N 6+00E	20	11	.2	7	2	1	-
L6N 6+25E	25	14	.2	8	2	1	200
L6N 6+50E	30	13	.1	9	4	1	-
L6N 6+75E	41	19	.1	11	4	6	5800
L6N 7+00E	36	12	.1	10	4	1	-
L6N 7+25E	29	14	.1	11	2	1	240
L6N 7+50E	21	16	.1	9	2	1	-
L6N 7+75E	20	12	.1	9	3	1	50
L6N 8+00E	24	12	.1	8	2	2	-
L6N 8+25E	24	7	.1	7	2	1	40
L6N 8+50E	21	11	.2	8	2	1	-
L6N 8+75E	17	12	.1	8	2	1	30
L6N 9+00E	17	10	.1	6	2	1	-
L6N 9+25E	18	15	.1	10	4	6	40
L6N 9+50E	16	9	.2	6	2	1	30
L6N 9+75E	20	13	.1	9	2	1	-
L6N 10+00E	21	7	.1	9	2	1	30
L4N 18+50W	29	13	.2	29	2	10	-
L4N 18+25W	65	12	.3	72	3	8	20
L4N 18+00W	40	17	.2	70	10	5	-
L4N 17+75W	64	16	.3	58	2	1	12000
L4N 17+50W	38	16	.4	73	5	8	-
L4N 17+25W	34	13	.2	54	2	6	20
L4N 17+00W	31	14	.3	48	3	9	-
L4N 16+75W	24	15	.2	45	2	1	20
STD C/AU-S	62	42	7.0	42	16	48	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L4N 16+50W	26	9	.2	53	2	7	-
L4N 16+25W	33	17	.5	41	2	5	30
L4N 16+00W	45	24	1.1	79	4	15	-
L4N 15+75W	20	16	.1	40	3	9	20
L4N 15+50W	22	13	.1	38	2	5	-
L4N 15+25W	18	7	.1	26	2	11	30
L4N 15+00W	23	16	.2	26	3	5	-
L4N 14+75W	19	15	.1	34	3	4	10
L4N 14+50W	29	21	.2	70	3	12	-
L4N 14+25W	25	14	.1	24	2	6	20
L4N 14+00W	21	12	.1	27	2	7	-
L4N 13+75W	26	17	.2	38	2	9	30
L4N 13+50W	38	18	.3	31	2	11	-
L4N 13+25W	24	17	.1	26	2	12	20
L4N 13+00W	24	16	.1	37	2	8	-
L4N 12+75W	24	16	.3	30	2	6	40
L4N 12+50W	34	18	.2	33	2	5	-
L4N 12+25W	32	15	.3	24	2	4	50
L4N 12+00W	38	17	.3	37	2	6	-
L4N 11+75W	26	19	.1	47	2	10	40
L4N 11+50W	31	15	.1	72	2	8	-
L4N 10+75W	14	22	.1	41	2	4	10
L4N 10+50W	15	17	.1	34	3	3	-
L4N 10+25W	19	19	.1	59	3	6	20
L4N 10+00W	23	20	.1	49	2	3	-
L4N 9+75W	23	32	.1	112	2	44	40
L4N 9+50W	18	24	.1	123	2	11	-
L4N 9+25W	26	25	.1	57	2	1	10
L4N 9+00W	14	26	.1	35	2	1	-
L4N 8+75W	19	33	.1	81	2	17	10
L4N 8+50W	17	32	.1	153	2	23	-
L4N 8+25W	21	30	.1	149	2	10	20
L4N 8+00W	42	23	.5	145	2	22	-
L4N 7+75W	47	22	.5	393	3	30	40
L4N 7+50W	72	26	2.8	588	3	49	-
L4N 7+25W	35	29	.3	125	2	8	20
STD C/AU-S	58	40	6.7	41	18	51	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L4N 7+00W	23	21	.3	79	2	11	-
L4N 6+75W	26	18	.3	63	2	6	100
L4N 6+50W	46	24	.6	82	2	8	-
L4N 6+25W	32	17	.3	73	2	3	50
L4N 6+00W	33	12	.5	45	2	20	-
L4N 5+75W	49	20	.3	89	2	6	50
L4N 5+50W	30	15	.2	36	3	2	-
L4N 5+25W	55	17	.4	37	2	1	70
L4N 5+00W	60	19	.1	39	3	1	-
L4N 4+75W	63	13	.3	69	2	3	40
L4N 4+50W	48	15	.3	37	2	1	-
L4N 4+25W	41	15	.1	34	2	6	120
L4N 4+00W	49	15	.1	32	3	1	-
L4N 3+75W	41	14	.2	35	2	1	50
L4N 3+50W	37	14	.2	30	2	1	-
L4N 3+00W	29	20	.2	54	2	3	60
L4N 2+75W	31	21	.2	58	2	2	-
L4N 2+50W	40	22	.2	41	2	14	60
L4N 2+25W	33	13	.2	34	2	2	-
L4N 2+00W	30	18	.2	43	2	1	120
L4N 1+75W	25	16	.2	26	2	1	-
L4N 1+50W	35	22	.2	20	2	2	60
L4N 1+25W	28	18	.3	16	2	1	-
L4N 1+00W	36	17	.2	19	2	11	60
L4N 0+75W	34	18	.1	34	2	2	-
L4N 0+50W	42	17	.2	22	2	3	70
L4N 0+25W	43	23	.1	22	4	1	-
L4N 0+00 BL	44	12	.1	18	2	1	130
L2N 17+00W	40	27	.5	55	4	5	-
L2N 16+75W	33	23	.2	60	3	13	30
L2N 16+25W	63	27	.9	68	2	15	-
L2N 16+00W	66	25	.7	91	3	23	70
L2N 15+75W	37	14	.3	36	2	19	-
L2N 15+50W	37	16	.5	65	2	26	30
L2N 15+25W	32	17	.3	41	3	18	-
L2N 15+00W	15	14	.2	18	3	7	30
STD C/AU-S	62	44	6.7	42	17	53	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L2N 14+75W	34	23	.3	47	3	13	-
L2N 14+50W	30	17	.6	42	2	40	50
L2N 14+25W	37	30	.5	63	3	15	-
L2N 14+00W	19	20	.3	26	2	12	20
L2N 13+75W	32	14	.5	49	3	11	-
L2N 13+50W	38	21	.3	50	2	10	50
L2N 13+25W	27	18	.1	27	2	10	-
L2N 13+00W	23	18	.3	25	3	14	30
L2N 12+75W	52	26	.8	38	2	10	-
L2N 12+50W	56	25	.5	85	2	13	50
L2N 12+25W	27	27	.2	49	2	12	-
L2N 12+00W	37	21	.8	46	2	10	60
L2N 11+75W	27	23	.4	32	2	12	-
L2N 11+50W	28	25	.4	35	3	17	40
L2N 11+25W	21	24	.3	31	2	16	-
L2N 11+00W	26	25	.1	38	2	1	40
L2N 10+75W	33	33	.5	38	2	15	-
L2N 10+50W	19	28	.1	73	2	21	20
L2N 10+25W	22	24	.1	95	2	164	-
L2N 10+00W	32	32	.2	110	2	26	40
L2N 9+75W	27	33	.2	118	2	31	-
L2N 9+50W	19	30	.3	83	2	4	20
L2N 9+25W	10	19	.7	25	2	8	-
L2N 9+00W	11	30	.1	33	2	1	10
L2N 8+75W	37	22	.2	46	2	18	-
L2N 8+50W	13	36	.1	25	2	13	10
L2N 8+25W	17	49	.1	211	2	63	-
L2N 8+00W	20	25	.4	93	2	12	30
L2N 7+75W	24	33	.3	146	3	34	-
L2N 7+50W	42	23	.4	109	2	12	40
L2N 7+25W	41	21	.5	131	2	27	-
L2N 7+00W	46	23	.8	195	2	37	50
L2N 6+75W	45	31	.6	208	3	35	-
L2N 6+50W	58	31	.9	271	4	30	40
L2N 6+25W	41	32	.6	182	3	33	-
L2N 5+75W	30	32	.2	88	2	17	30
STD C/AU-S	60	43	6.8	44	19	51	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L2N 5+50W	26	17	.6	69	2	11	-
L2N 5+25W	35	18	.3	97	2	5	30
L2N 5+00W	30	12	.5	37	2	9	-
L2N 4+75W	48	22	.3	80	2	8	40
L2N 4+50W	32	17	.3	53	2	14	-
L2N 4+25W	32	14	.3	34	2	7	110
L2N 4+00W	45	15	.2	37	3	5	-
L2N 3+75W	41	17	.3	44	2	1	40
L2N 3+50W	44	17	.2	32	2	8	-
L2N 3+25W	36	15	.2	31	3	21	30
L2N 3+00W	36	16	.2	24	2	9	-
L2N 2+75W	42	12	.1	48	3	7	30
L2N 2+25W	16	14	.2	18	2	25	-
L2N 2+00W	27	17	.2	21	2	40	40
L2N 1+75W	32	16	.1	15	3	17	-
L2N 1+50W	36	18	.2	16	2	20	50
L2N 1+25W	37	19	.2	20	2	7	-
L2N 1+00W	37	19	.2	32	2	5	60
L2N 0+75W	32	16	.1	161	3	25	-
L2N 0+50W	42	21	.6	31	2	13	90
L2N 0+25W	39	14	.2	15	2	13	-
L0+00 15+50W	30	11	.5	34	2	8	110
L0+00 15+25W	49	16	.6	49	3	6	-
L0+00 15+00W	37	17	.4	55	2	10	40
L0+00 14+75W	30	16	.2	43	2	11	-
L0+00 14+50W	26	15	.2	56	2	5	20
L0+00 14+25W	29	18	.1	43	2	9	-
L0+00 14+00W	23	13	.2	40	2	1	30
L0+00 13+75W	23	13	.2	31	3	9	-
L0+00 13+50W	31	14	.3	25	2	5	40
L0+00 13+25W	37	12	.2	32	2	6	-
L0+00 13+00W	28	13	.3	38	2	6	50
L0+00 12+75W	61	22	.9	112	2	17	-
L0+00 12+50W	32	16	.5	50	2	7	50
L0+00 12+25W	19	17	.1	38	2	1	-
L0+00 12+00W	32	15	.1	43	2	8	40
STD C/AU-S	58	41	7.1	43	17	49	1400

LAYFIELD RESOURCES PROJECT 3501 FILE # 88-5032 Page 33

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L0+00 11+75W	24	15	.4	85	2	8	-
L0+00 11+50W	33	24	.4	106	2	18	40
L0+00 11+25W	30	16	.2	39	2	13	-
L0+00 11+00W	26	14	.3	83	2	10	40
L0+00 10+75W	24	15	.4	47	2	5	-
L0+00 10+50W	25	18	.4	45	2	7	50
L0+00 10+25W	17	20	.3	51	2	1	-
L0+00 10+00W	19	14	.3	46	2	3	30
L0+00 9+75W	21	11	.3	62	2	1	-
L0+00 9+50W	18	14	.1	61	2	1	20
L0+00 9+25W	20	17	.2	101	2	5	-
L0+00 9+00W	20	19	.2	56	2	16	30
L0+00 8+75W	19	19	.4	73	2	14	-
L0+00 8+50W	15	17	.3	56	2	80	20
L0+00 8+25W	23	20	.2	57	2	16	-
L0+00 8+00W	26	24	.2	52	2	10	30
L0+00 7+75W	17	23	.3	50	3	12	-
L0+00 7+50W	24	26	.6	76	3	10	40
L0+00 7+25W	18	19	.3	29	2	8	-
L0+00 7+00W	17	20	.2	40	2	12	10
L0+00 6+75W	24	18	.2	56	2	11	-
L0+00 6+50W	12	15	.2	45	2	9	10
L0+00 6+25W	20	11	.3	69	2	6	-
L0+00 6+00W	22	15	.3	81	2	8	40
L0+00 5+75W	25	12	.7	61	2	1	-
L0+00 5+25W	21	15	.2	74	2	18	10
L0+00 5+00W	26	19	.3	62	2	9	-
L0+00 4+75W	35	17	.4	74	2	36	40
L0+00 4+50W	23	16	.3	89	2	14	-
L0+00 4+25W	25	19	.3	65	2	17	30
L0+00 4+00W	35	17	.4	36	2	7	-
L0+00 3+75W	39	18	.3	47	2	9	40
L0+00 3+50W	27	19	.2	44	2	1	-
L0+00 3+25W	29	14	.3	21	2	1	20
L0+00 3+00W	24	12	.2	27	2	1	-
L0+00 2+75W	31	15	.1	26	3	4	30
STD C/AU-S	58	43	7.1	41	17	47	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
L0+00 2+50W	25	26	.1	32	2	13	-
L0+00 2+25W	36	10	.1	21	2	2	40
L0+00 2+00W	35	9	.1	18	2	2	-
L0+00 1+75W	28	4	.1	22	2	1	30
L0+00 1+50W	25	10	.1	21	2	4	-
L0+00 1+25W	30	10	.1	18	2	1	30
L0+00 1+00W	30	8	.1	132	2	1	-
L0+00 0+75W	42	17	.1	49	2	1	50
L0+00 0+50W	43	15	.1	43	2	3	-
L0+00 0+25W	39	8	.1	42	2	9	60
L0+00 BL	32	14	.1	25	2	1	-
BL 10+00N	8	8	.1	5	2	1	-
BL 9+75N	12	10	.1	6	2	1	-
BL 9+50N	9	7	.1	4	2	2	-
BL 9+25N	13	9	.1	29	2	1	-
STD C/AU-S	60	41	6.8	39	16	48	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
N.S.-1	219	28	.5	18	2	4	60
N.S.-2	16	7	.1	2	2	1	30
N.S.-3	33	17	.1	12	2	1	50
N.S.-4	28	21	.1	20	2	1	30
N.S.-5	336	29	.6	48	9	2	70
N.S.-6	54	15	.1	9	2	1	90
N.S.-7	3	2	.1	2	2	1	60
N.S.-8	26	15	.1	7	2	3	40
N.S.-9	15	9	.2	4	2	2	50
N.S.-15	25	10	.1	6	2	3	-
N.S.-16	18	8	.1	4	2	1	20
N.S.-17	17	7	.1	3	2	1	-
N.S.-18	16	11	.1	6	2	7	20
N.S.-19	5	3	.1	2	2	10	-
N.S.-20	14	4	.1	2	2	1	30
N.S.-21	3	4	.1	2	2	2	-
N.S.-22	6	11	.1	2	2	6	20
N.S.-23	13	2	.1	2	2	22	-
N.S.-24	13	6	.1	2	2	8	40
N.S.-28	7	7	.2	2	2	26	-
N.S.-29	19	9	.1	3	2	36	40
N.S.-30	3	2	.1	2	2	6	-
N.S.-31	11	8	.1	5	3	28	10
N.S.-32	5	4	.2	2	2	3	-
N.S.-33	6	4	.1	2	2	7	20
N.S.-34	4	7	.2	2	2	29	-
N.S.-35	14	11	.1	4	2	11	30
N.S.-36	11	17	.2	6	2	34	-
N.S.-37	14	17	.2	5	3	5	10
N.S.-38	10	24	.1	3	2	2	-
N.S.-39	11	11	.2	6	2	27	20
N.S.-40	14	7	.3	2	2	3	-
N.S.-41	15	17	.2	6	2	31	10
N.S.-42	12	13	.2	5	2	2	-
N.S.-43	24	5	.3	5	2	212	20
N.S.-44	10	5	.2	6	2	27	-
STD C/AU-S	58	42	6.9	41	19	49	1300

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
N.S.-45	13	15	.2	4	2	1	50
N.S.-46	17	7	.1	5	2	2	-
N.S.-47	14	11	.1	7	2	1	20
N.S.-48	11	9	.1	4	2	1	-
N.S.-49	7	8	.1	2	2	3	10
N.S.-50	22	12	.2	52	3	2	-
N.S.-51	20	12	.2	12	2	1	30
N.S.-52	6	8	.1	2	2	3	-
N.S.-53	23	20	.1	23	2	2	40
N.S.-54	27	10	.1	13	2	1	-
N.S.-55	40	13	.2	30	2	1	20
N.S.-56	49	16	.2	69	2	2	-
N.S.-57	32	19	.2	77	2	1	10
N.S.-58	50	15	.2	92	3	5	-
N.S.-59	44	14	.3	66	2	2	30
N.S.-60	35	9	.5	68	2	3	-
N.S.-61	31	12	.6	61	2	3	20
N.S.-62	37	13	.1	86	3	4	-
N.S.-63	67	27	.1	143	2	2	30
N.S.-64	43	16	.2	92	2	11	-
N.S.-65	37	15	.2	84	2	5	20
N.S.-66	38	12	.2	81	2	12	-
N.S.-67	32	18	.1	91	2	42	30
N.S.-68	19	17	.1	62	2	12	-
N.S.-69	33	10	.1	104	2	14	30
N.S.-70	22	16	.1	113	2	4	-
N.S.-71	34	17	.1	81	2	23	40
N.S.-72	25	16	.1	48	2	16	-
N.S.-73	26	12	.1	37	2	13	40
N.S.-74	16	10	.1	7	2	5	-
N.S.-75	13	7	.1	3	2	1	30
N.S.-76	13	11	.1	2	2	2	-
N.S.-77	15	8	.1	2	2	4	20
N.S.-78	20	9	.1	6	2	2	-
N.S.-79	18	9	.1	4	2	1	20
N.S.-80	17	12	.1	11	2	2	-
STD C/AU-S	60	42	7.1	43	17	48	1400

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
N.S.-81	14	18	.1	9	3	1	20
N.S.-82	18	11	.1	8	2	2	-
N.S.-83	14	8	.1	3	2	8	30
N.S.-84	20	14	.1	7	3	1	-
N.S.-85	12	4	.2	5	2	1	10
N.S.-86	14	10	.1	4	3	3	-
N.S.-87	10	12	.1	7	2	1	20
N.S.-88	6	2	.1	3	2	9	-
N.S.-89	13	8	.2	7	3	6	20
RNS-1	11	19	.2	14	3	1	10
RNS-2	9	18	.1	16	3	1	10
RNS-3	14	30	.1	24	2	2	40
RNS-4	8	14	.1	7	2	1	60
RNS-5	19	15	.1	11	2	6	600
RNS-6	22	14	.1	12	2	1	730
RNS-7	30	19	.1	19	3	1	50
RNS-8	25	14	.3	21	3	2	400
RNS-10	14	11	.1	9	3	15	40
RNS-11	16	15	.1	7	3	3	40
RNS-12	12	7	.1	5	3	1	50
RNS-13	6	8	.1	6	2	1	100
RNS-14	19	16	.1	10	2	1	40
RNS-15	25	13	.1	8	3	1	60
RNS-16	28	20	.1	8	2	2	230
RNS-17	7	10	.1	8	3	1	20
RNS-18	18	12	.1	8	3	1	270
RNS-19	21	26	.2	9	2	2	60
STD C/AU-S	58	40	6.5	42	16	53	1400

LAYFIELD RESOURCES PROJECT 3501 FILE # 88-5032 Page 38

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB
RNSS-1	14	17	.2	2	2	2	110
RNSS-2	17	6	.1	5	2	4	60
RNSS-3	12	4	.2	11	2	28	820
RNSS-4	21	8	.1	17	2	1	150
RNSS-5	20	27	.7	565	3	166	100
RNSS-6	22	23	.3	124	2	10	50
RNSS-7	58	17	.5	133	2	765	130
RNSS-8	25	18	.1	45	2	44	30
RNSS-9	22	9	.1	6	2	22	40
RNSS-10	12	6	.1	3	2	17	100
RNSS-11	15	11	.1	7	2	5	30
RNSS-12	17	9	.1	7	2	9	40
RNSS-13	16	2	.1	7	2	3	30
RNSS-14	13	10	.1	2	2	12	30
RNSS-15	23	10	.1	12	2	151	20
RNSS-16	17	5	.1	14	2	13	20
RNSS-17	30	11	.1	23	3	2	60
RNSS-18	18	8	.1	24	2	1	30
STD C/AU-S	60	38	6.6	38	16	52	1300

LAYFIELD RESOURCES PROJECT 3501 FILE # 88-5032 Page 39

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Sb PPM	Au** PPB	Hg PPB	Ba* PPM
RNR-1	15	5	.1	3	2	1	100	-
RNR-100	6	11	.1	2	2	2	180	-
RNR-101	28	31	.1	19	2	1	450	-
RNR-102	9	9	.1	2	3	1	1600	-
RNR-103	45	51	9.1	2	32	440	671000000	-
RNR-104	13	9	.1	2	4	50	3740000	304680
RNR-105	9	20	.7	482	3	20	603900	-
NR-14	12	8	.1	5	2	9	28000	-
NR-15	18	4	.1	5	2	3	10400	-
NR-16	6	9	.1	2	2	1	6700	-
NR-17	7	176	.1	7	3	1	5800	-
NR-18	5	26	.5	370	3	1	3600	-
NR-19	7	22	.2	58	3	3	6200	-
NR-20	13	14	.1	12	3	2	2800	-
STD C/AU-R	58	40	6.6	39	17	480	1400	-

- ASSAY REQUIRED FOR CORRECT RESULT for Hg >10000 ppb

SAMPLE#	AU** ppb	SAMPLE wt. gm
RNHM-1	20	.94

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Geochemical Lab Report

REPORT: V88-08656.0 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: 3501

SUBMITTED BY: H. KEYSER
DATE PRINTED: 26-OCT-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	14	0.2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
2	As	Arsenic	14	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	B	Boron	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Ba	Barium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Be	Beryllium	14	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Bi	Bismuth	14	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cd	Cadmium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Ce	Cerium	14	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Co	Cobalt	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Cr	Chromium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Cu	Copper	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Ga	Gallium	14	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
13	La	Lanthanum	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
14	Li	Lithium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
15	Mo	Molybdenum	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
16	Nb	Niobium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
17	Ni	Nickel	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
18	Pb	Lead	14	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
19	Rb	Rubidium	14	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
20	Sb	Antimony	14	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
21	Sc	Scandium	14	1.0 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
22	Sn	Tin	14	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
23	Sr	Strontium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
24	Ta	Tantalum	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
25	Te	Tellurium	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
26	Tl	Thallium	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
27	V	Vanadium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
28	W	Tungsten	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
29	Y	Yttrium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
30	Zn	Zinc	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
31	Zr	Zirconium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
32	Au	Gold - Fire Assay	14	5 PPB	FIRE-ASSAY	Fire Assay AA
33	Hg	Mercury	2	0.05 PPM	HNO3-HCL HOT EXTR	Cold Vapour AA
34	Hg	Mercury	12	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA

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Geochemical Lab Report

REPORT: V88-08656.0 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: 3501

SUBMITTED BY: H. KEYSER
DATE PRINTED: 26-OCT-88

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	14	2 -150	14	CRUSH,PULVERIZE -150	12

REMARKS: ASSAY OF HIGH Au AND Hg TO FOLLOW
ON V88-08656.6

REPORT COPIES TO: AURUM GEOLOGICAL
~~LAYFIELD RESOURCES~~

INVOICE TO: AURUM GEOLOGICAL

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Geochemical Lab Report

REPORT: V88-08656.0

PROJECT: 3501 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM	Ga PPM
R2 NR-1		<0.5	<50	<2	354	<4.0	<5	<1	<5	35	280	103	5
R2 NR-2		<0.5	<50	<2	218	<4.0	<5	<1	<5	35	314	52	5
R2 NR-3 & NR-4COMPOSITE		<0.5	<50	<2	297	<4.0	<5	<1	<5	49	241	9	7
R2 NR-5		<0.5	<50	<2	222	<4.0	<5	<1	<5	65	123	8	4
R2 NR-6		<0.5	<50	<2	532	<4.0	<5	<1	<5	54	101	6	<2
R2 NR-7		<0.5	<50	<2	146	<4.0	<5	<1	<5	60	122	7	<2
R2 NR-8		<0.5	<50	<2	34	<4.0	<5	<1	<5	3	87	4	2
R2 NR-9		<0.5	244	<2	319	<4.0	<5	1	<5	58	311	391	6
R2 NR-10		<0.5	<50	<2	219	<4.0	<5	<1	29	11	17	16	5
R2 NR-11		<0.5	<50	<2	542	<4.0	<5	<1	40	12	63	14	10
R2 NR-12		<0.5	<50	<2	50	<4.0	<5	<1	<5	<2	140	7	<2
R2 NR-13		<0.5	<50	<2	111	<4.0	<5	<1	<5	2	131	11	<2
R2 NR-21		29.0	<50	<2	29	<4.0	<5	232	<5	3	125	252	<2
R2 NR-22		16.1	<50	<2	88	<4.0	<5	10	7	7	211	44	7

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Geochemical Lab Report

REPORT: V88-08656.0

PROJECT: 3501

SAMPLE NUMBER	ELEMENT UNITS	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM	Sr PPM	Ta PPM
R2 NR-1		<1	3	<5	<1	400	<10	<50	<5	19.0	<30	445	<10
R2 NR-2		2	6	<5	3	669	11	66	<5	4.0	<30	146	<10
R2 NR-3 & NR-4COMPOSITE		<1	3	<5	<1	863	<10	<50	<5	3.0	<30	213	<10
R2 NR-5		2	6	<5	5	1291	<10	<50	<5	2.0	78	187	<10
R2 NR-6		2	11	<5	6	1154	<10	<50	<5	2.0	71	209	<10
R2 NR-7		2	8	<5	7	1159	<10	<50	<5	2.0	106	69	<10
R2 NR-8		<1	<1	<5	1	58	<10	<50	<5	<1.0	<30	52	<10
R2 NR-9		<1	5	<5	<1	330	25	56	<5	18.0	<30	385	<10
R2 NR-10		15	3	<5	1	9	<10	<50	<5	11.0	<30	98	<10
R2 NR-11		18	9	<5	3	5	<10	58	<5	12.0	<30	114	<10
R2 NR-12		<1	<1	<5	<1	5	<10	<50	<5	<1.0	<30	6	<10
R2 NR-13		2	<1	<5	<1	6	15	<50	<5	<1.0	<30	18	<10
R2 NR-21		<1	<1	<5	<1	7	86	<50	<5	1.0	<30	2	15
R2 NR-22		4	6	<5	2	20	231	<50	<5	3.0	<30	31	<10

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Geochemical Lab Report

REPORT: V88-08656.0

PROJECT: 3501

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Tl PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM	Au PPB	Hg PPM	Hg PPB
R2 NR-1		<20	<20	22	<10	2	12	<1	58		130
R2 NR-2		<20	<20	4	<10	2	25	<1	10		185
R2 NR-3 & NR-4COMPOSITE		<20	<20	4	<10	1	9	<1	10		20
R2 NR-5		<20	<20	2	<10	1	13	<1	9		40
R2 NR-6		<20	<20	<1	<10	<1	13	<1	11		30
R2 NR-7		<20	<20	<1	<10	<1	12	<1	12		110
R2 NR-8		<20	<20	2	<10	<1	6	<1	14		270
R2 NR-9		<20	24	22	<10	2	15	<1	81		225
R2 NR-10		<20	24	76	<10	13	61	3	16		175
R2 NR-11		<20	<20	129	<10	15	73	7	25		50
R2 NR-12		<20	<20	3	<10	<1	10	<1	181		350
R2 NR-13		<20	<20	3	<10	4	14	4	14		600
R2 NR-21		<20	<20	8	12	2	1402	2	714	>50.00	
R2 NR-22		<20	<20	50	<10	4	133	6	>10000	>50.00	

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Certificate of Analysis

REPORT: V88-08656.6 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: 3501

SUBMITTED BY: H. KEYSER
DATE PRINTED: 14-NOV-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	1	0.002 OPT		Fire Assay
2	Hg	Mercury	1	0.0 PCT		Atomic Absorption
3	Hg	Mercury	1	0.00 PCT		Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	2	2 -150	2	AS RECEIVED, NO SP	1

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Certificate of Analysis

REPORT: V88-08656.6

PROJECT: 3501

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Hg PCT	Hg PCT
R2 NR-21			53.9	
R2 NR-22		17.840		2.97

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Geochemical Lab Report

REPORT: V88-07960.0 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: 3501

SUBMITTED BY: R. HULSTEIN
DATE PRINTED: 26-OCT-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	6	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Hg	Mercury	6	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	1	1 -80	1	DRY, SIEVE -80	1
R ROCK OR BED ROCK	5	2 -150	5	CRUSH,PULVERIZE -150	5

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Geochemical Lab Report

REPORT: V88-07960.0

PROJECT: 3501

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Hg PPB
S1 RNS-21		8	50
R2 NR-31		<5	30
R2 NR-32		<5	1200
R2 NR-33		<5	125
R2 NR-35		5	130
R2 NR-36		<5	15

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Geochemical Lab Report

REPORT: V88-07279.0

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt. G	Au/wt. G	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Sb PPM	Zn PPM	Hg PPB
T1 8341001		27	10.0		<0.5	13	7	<1	6	<5	84	25
T1 8341002		17	20.0		0.8	14	8	2	<5	<5	52	50
T1 8341003		<5	2.0	8.0	0.7	29	13	3	8	<5	78	80
T1 8341004		<5	7.0		<0.5	18	11	6	7	<5	92	25
T1 8341005		30	10.0		0.7	18	18	3	9	<5	74	85
T1 8341006		16	15.0		2.2	22	17	4	8	<5	76	100
T1 8341007		40	30.0		<0.5	25	7	<1	7	<5	106	25
T1 8341008		8	25.0		<0.5	21	9	<1	7	<5	80	30
T1 8341009		10	25.0		0.8	31	10	1	8	<5	69	60
T1 8341010		18	15.0		<0.5	28	11	1	9	<5	96	70
T1 8341011		12	15.0		<0.5	21	12	3	9	<5	52	45
T1 8341012		32	13.0		<0.5	34	14	2	12	<5	77	80
T1 8341013		7	30.0		<0.5	23	11	3	10	<5	63	45
T1 8341014		12	20.0		<0.5	27	13	2	7	<5	58	50
T1 8341015		21	10.0		<0.5	19	7	<1	<5	<5	58	25
T1 8341016		42	10.0		<0.5	14	7	6	7	<5	53	35
T1 8341017		17	20.0		<0.5	33	10	17	9	<5	88	45
T1 8341018		10	30.0		<0.5	15	10	8	15	<5	131	95
T1 8341019		36	10.0		<0.5	34	7	3	12	<5	99	55
T1 8341020		7	30.0		<0.5	27	6	2	11	<5	74	20
T1 8341021		13	25.0		<0.5	38	7	2	10	<5	91	65
T1 8341022		8	25.0		<0.5	22	6	1	9	<5	52	60
T1 8341023		<5	30.0		1.1	18	9	<1	7	<5	74	110
T1 8341024		<5	6.0		<0.5	34	9	8	24	<5	96	95
T1 8341025		9	30.0		<0.5	31	43	8	11	<5	290	90
T1 8341026		<5	20.0		<0.5	25	6	5	12	<5	58	50
T1 8341027		<5	15.0		<0.5	37	8	4	14	<5	75	95
T1 8341028		10	12.0		<0.5	40	8	3	8	<5	58	75
T1 8341029		<5	15.0		<0.5	27	5	3	6	<5	69	40
T1 8341030		<5	16.0		4.6	24	11	1	7	<5	117	270
R2 RSH0188		<5	30.0		<0.5	19	17	1	<5	<5	131	20

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Geochemical Lab Report

REPORT: V88-01014.0 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: ~~60 MILE~~ ROD-NEY

SUBMITTED BY: R. HULSTEIN
DATE PRINTED: 23-MAR-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	1	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	1	0.1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
3	As	Arsenic	1	2 PPM	NITRIC PERCHLOR DIG	Colourimetric
4	Hg	Mercury	1	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA
5	Sb	Antimony	1	2 PPM		X-RAY Fluorescence

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	CRUSH,PULVERIZE -150	1

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Geochemical Lab Report

ROD - NE1

REPORT: V88-01014.0

PROJECT: ~~60 MILE~~ PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Hg PPB	Sb PPM
R2 88-001		10	0.2	120	5	19

APPENDIX B

A U R U M G E O L O G I C A L C O N S U L T A N T S Rock Sample Location and Description Record

Date: Sept 1988 Project: Rod/Ney Claims NTS: 115 N/15;116 C/2 Area: Miller Cr, YT Samplers: SD,HK Lab: Acme & B-C

Sample No.	Location	Description	Attitude	Width	Au ppb	Ag ppm	As ppm	Hg ppb
RNR-01	ROD claims; 60m @ 020 from L12N 1+00W	Oxidized andesite porphyry, calcite coatings on fractures.		surface chip	1	0.1	3	100
RNR-100	Trench on ridge top on ROD claims	Highly leached/ clay altered crystal lithic ash tuff. Fractured and brecciated with cracks filled by red/ rusty oxidized material. Minor chalcedonic quartz(green-grey color) along some fracture surfaces. Also minor pyrolusite on fractures.	trending ~100	grab over ~15m	2	0.1	2	180
RNR-101	Trench at L18/ 12+50E	Leached and oxidized andesite porphyry with highly oxidized fractures.		grab	1	0.1	19	450
RNR-102	Trench, line 22N/ 18+75E	Altered andesite with chalcedony veins and veinlets scattered throughout; no visible sulphides. Deep surface weathering.		grab	1	0.1	2	1600
RNR-103	Walter Yaramka's sluice box	cinnabar concentrate		grab	440	9.1	2	67.1%
RNR-104	Walter Yaramka's sluice box	barite concentrate		grab	50	0.1	2	3740000

AURUM GEOLOGICAL CONSULTANTS Rock Sample Location and Description Record

Date: Sept 1988 Project: Rod/Ney Claims NTS: 115 N/15;116 C/2 Area: Miller Cr, YT Samplers: SD,HK Lab: Acme & B-C

Sample No.	Location	Description	Attitude	Width	Au ppb	Ag ppm	As ppm	Hg ppb
RNR-105	Pup creek to Miller creek; site of RNSS-5	Slatey/ argillaceous gneiss with possible scorodite staining along fractures.		float	20	0.7	482	603900
NR-1	NEY claims; Jasper pit	Intensely silicified andesite(?) with parallel quartz veinlets. Traces of pyrite in veinlets and host. Rare cockscomb quartz. Light brown color		float	58	0.5	50	130
NR-2	NEY claims; Jasper pit	Green pyrophyllite/ sericite rubble found in several locations in the pit. Very soft.		grab	10	0.5	50	130
NR-3	NEY claims; Jasper pit	Intensely silicified shear zone. Irregularly distributed quartz and jasper veinlets and pods. Rare greenish pyrophyllite in fractures, Mn and Fe staining.	065/75 S	1.2m cont. chip	10	0.5	50	20
NR-4	NEY claims; Jasper pit	Intensely silicified maroon colored andesite. Rare quartz veinlets.		surface chip	10	0.5	50	20
NR-5	NEY claims; Jasper pit	Limonitized andesite with rare quartz veinlets		chip	9	0.5	50	40

A U R U M   G E O L O G I C A L   C O N S U L T A N T S   Rock Sample Location and Description Record

Date: Sept 1988   Project: Rod/Ney Claims   NTS: 115 N/15;116 C/2   Area: Miller Cr, YT   Samplers: SD,HK   Lab: Acme & B-C

Sample No.	Location	Description	Attitude	Width	Au ppb	Ag ppm	As ppm	Hg ppb
NR-6	NEY claims; Jasper pit	Jasper- veined rock. Host is silicified maroon andesite (usually). Trace pyrite.		selected grab	11	0.5	50	30
NR-7	NEY claims; Jasper pit	Grey silicified andesite with rare quartz veinlets. Porphyritic (or possibly quartzite) texture preserved. No sulphides.		Surface chip	12	0.5	50	110
NR-8	NEY claims; Jasper pit	White quartzite with limonite and clays along fractures. Rare biotite and muscovite.		Surface chip	14	0.5	50	270
NR-9	NEY claims; Greenstone pit	Intensely silicified quartz veined, variably limonitized andesite porphyry. 1-2% pyrite disseminated in host rock only.		Random chips	81	0.5	244	225
NR-10	NEY claims; along lower road	Slightly clay altered andesitic, crystal- lithic tuff. Rare limonitic staining, perlite?		Surface chip	16	0.5	50	175
NR-11	NEY claims; along lower road	Andesite crystal- lithic tuff. local Mn staining, local quartz, but no quartz veining		surface chip	25	0.5	50	50

A U R U M   G E O L O G I C A L   C O N S U L T A N T S   Rock Sample Location and Description Record

Date: Sept 1988   Project: Rod/Ney Claims   NTS: 115 N/15;116 C/2   Area: Miller Cr, YT   Samplers: SD,HK   Lab: Acme & B-C

Sample No.	Location	Description	Attitude	Width	Au ppb	Ag ppm	As ppm	Hg ppb
NR-12	NEY claims; pit at Quartz Cobble Junction.	Quartz cobbles from matrix-supported, poorly- lithified, quartz cobble conglomerate. Well rounded clasts of quartz, quartzite, and carbonaceous shale up to 15cm across.		grab	181	0.5	50	350
NR-13	NEY claims; pit at Quartz Cobble Junction	White clay matrix from above sample.		grab	14	0.5	50	600
NR-14	ROD claims; Junction of Walter's road	Grey porphyritic andesite, clay altered phenocrysts; trace chlorite in matrix.		random grab	9	0.1	5	28000
NR-15	ROD claims; 0.25km along Walter's road	Dark grey weakly silicified, slightly porphyritic andesite. Locally epidotized feldspars, minor carbonate, Mn along fractures.		grab	3	0.1	5	10400
NR-16	ROD claims; 0.4km along Walter's road	Tan-brown porphyritic andesite, abundant carbonate along fractures. Feldspars altered to clays; local tuffaceous sections; carbonate altered matrix.		grab	1	0.1	2	6700
NR-17	ROD claims; 1.2km along Walter's road	Intensely limonitized and carbonatized matrix. Fine grained andesite porphyry.		grab	1	0.1	7	5800
NR-18	ROD claims; 1.3km along Walter's road	Limonitized and carbonatized porphyritic andesite as above; minor carbonate along		grab	1	0.5	0.5	3600

A U R U M   G E O L O G I C A L   C O N S U L T A N T S   Rock Sample Location and Description Record

Date: Sept 1988   Project: Rod/Ney Claims   NTS: 115 N/15;116 C/2   Area: Miller Cr, YT   Samplers: SD,HK   Lab: Acme & B-C

Sample No.	Location	Description	Attitude	Width	Au ppb	Ag ppm	As ppm	Hg ppb
		fractures. Also grey weathering, clay altered sections; calcite lined vugs. Limoniteand carbonate-bearing rock. Local quartz and pyrite alteration.						
NR-19	ROD claims; 5.0km along Walter's road	Rusty quartz vein	130/vert	cont. chip across 0.5m	3	0.2	58	6200
NR-20	ROD claims; 1.6km along road to Dawson from Walter's Junction.	Intensely clay altered, locally pyritized, varicolored andesite porphyry bedrock exposed on bottom of placer pit on SW end of ridge between Glacier and Little Gold Bottom Creek. 10cm wide clay gouge fault zone(055/ 80W).		grab	2	0.1	12	2800
NR-21	Brisebois's sluice box	Cinnabar concentrate			714	29	50	53.9%
NR-22	NEY claims; Quartz Cobble Junction.	Pan concentrate from quartz cobble conglomerate		pan concentrate	17.84 opt	16.1	50	2.97%

APPENDIX C

Notes on Geochemical Statistics

The following 7 histograms are presented in Appendix C:

1. Logarithmic distribution of copper in 1263 gridded soil samples.
2. Logarithmic distribution of lead in 1263 gridded soil samples.
3. Logarithmic distribution of silver in 1263 gridded soil samples.
4. Logarithmic distribution of arsenic in 1263 gridded soil samples.
5. Logarithmic distribution of antimony in 1263 gridded soil samples.
6. Logarithmic distribution of gold in 1263 gridded soil samples.
7. Logarithmic distribution of mercury in 416 gridded soil samples.

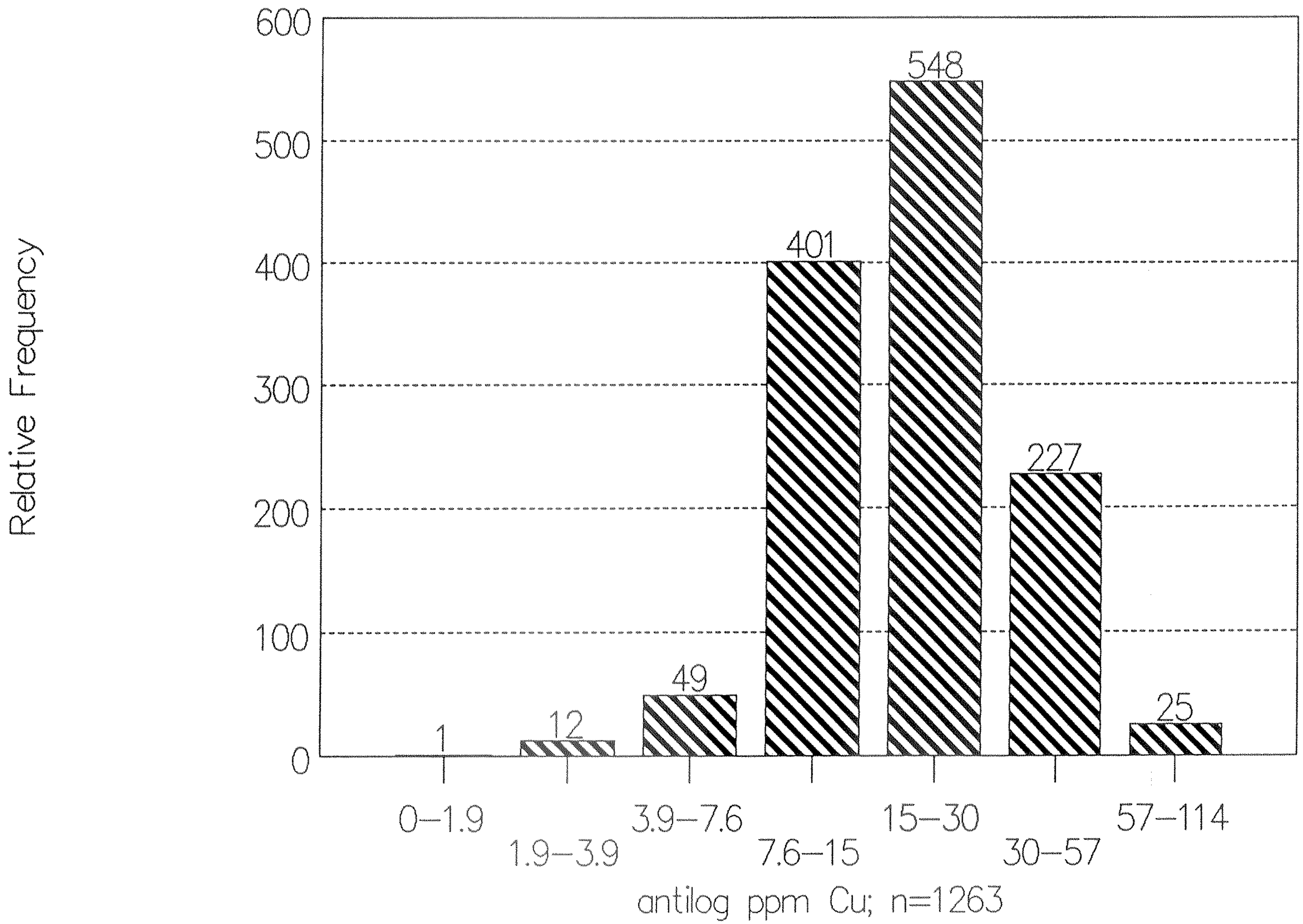
Note: Class intervals were determined as follows:

$$K = M/(10 \cdot \log_{10} \cdot N)$$

where K = interval width
M = largest value of population
N = number of samples in population

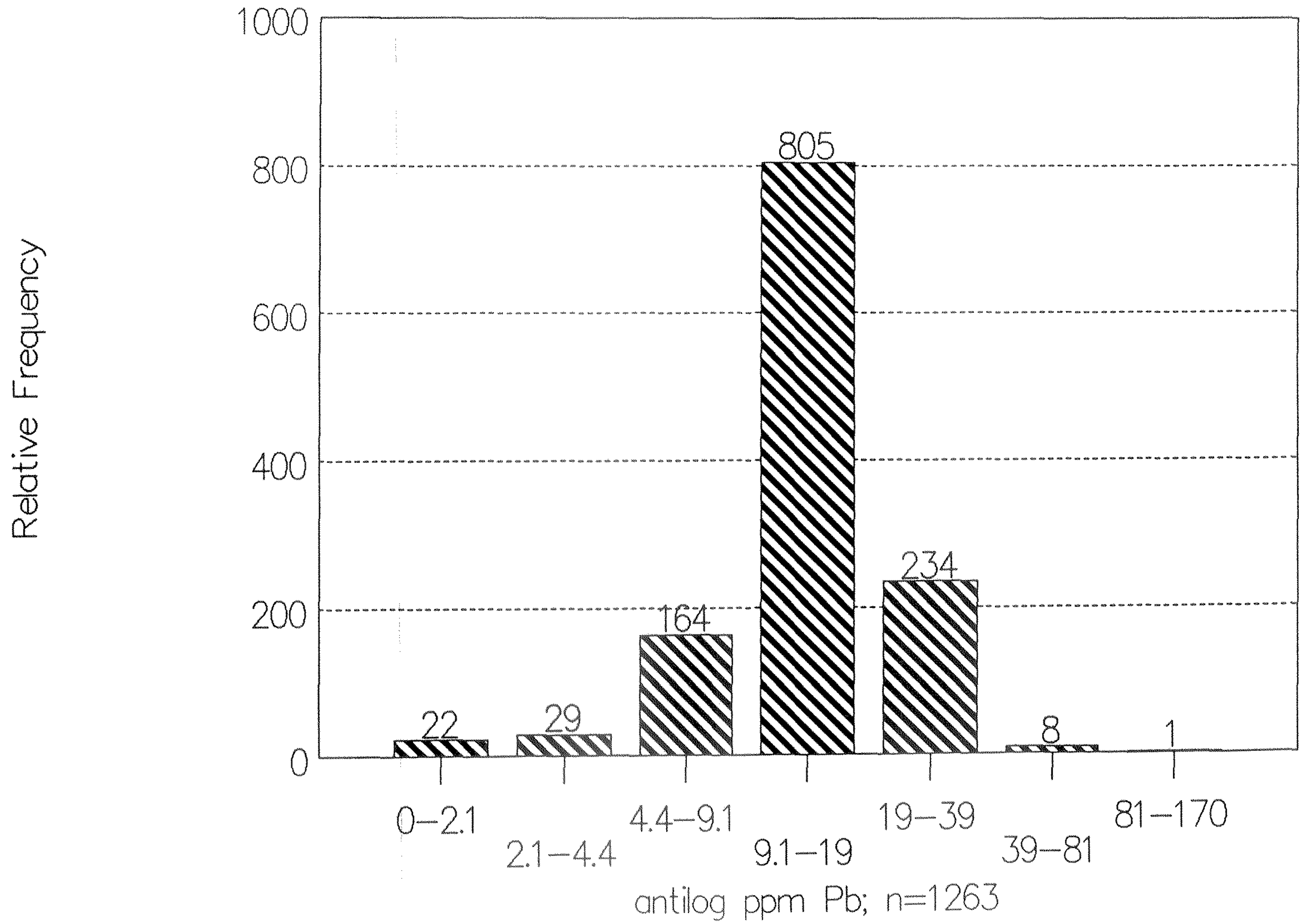
Headwaters Project

Log distribution of copper in soil.



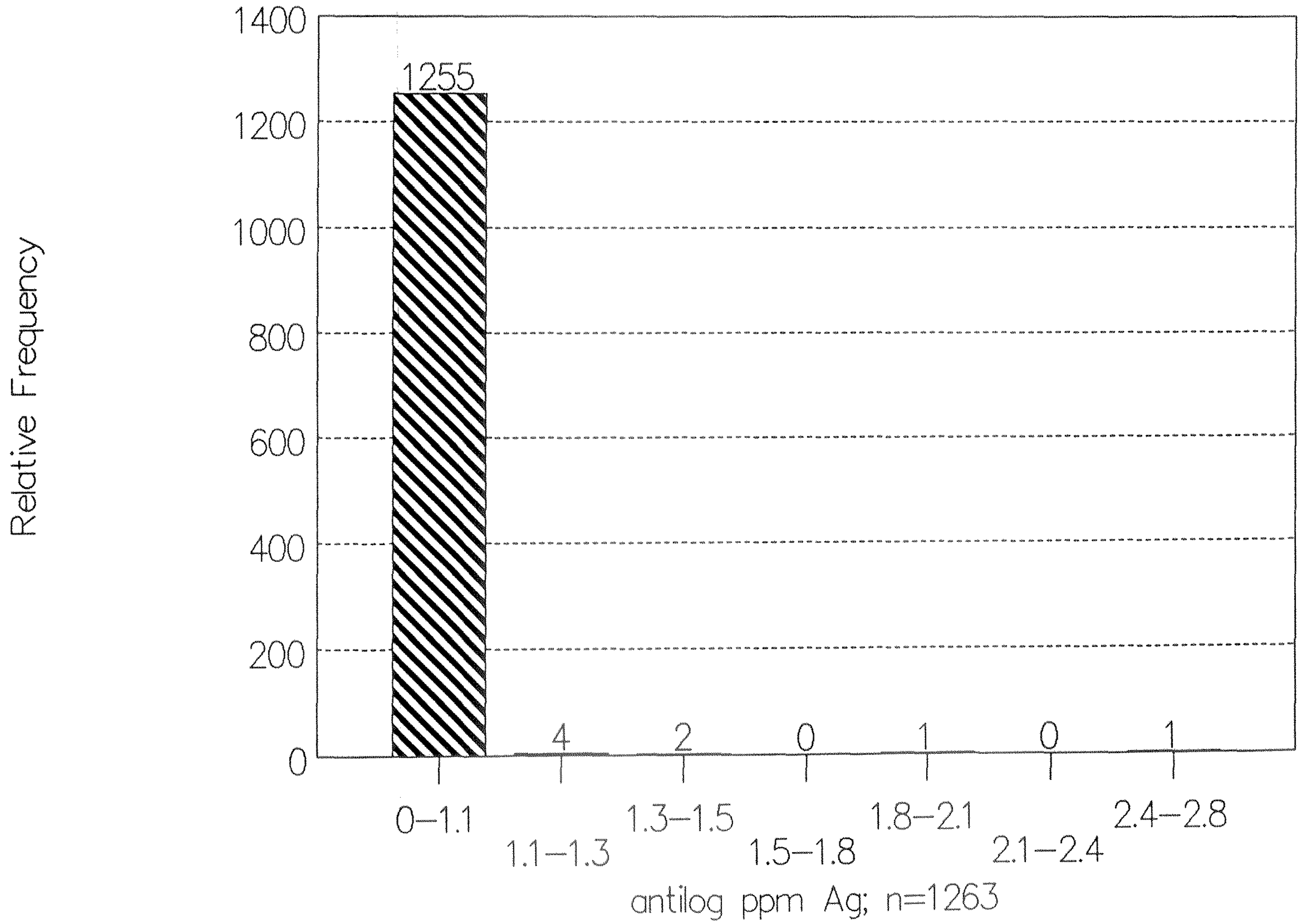
Headwaters Project

Log distribution of lead in soil.



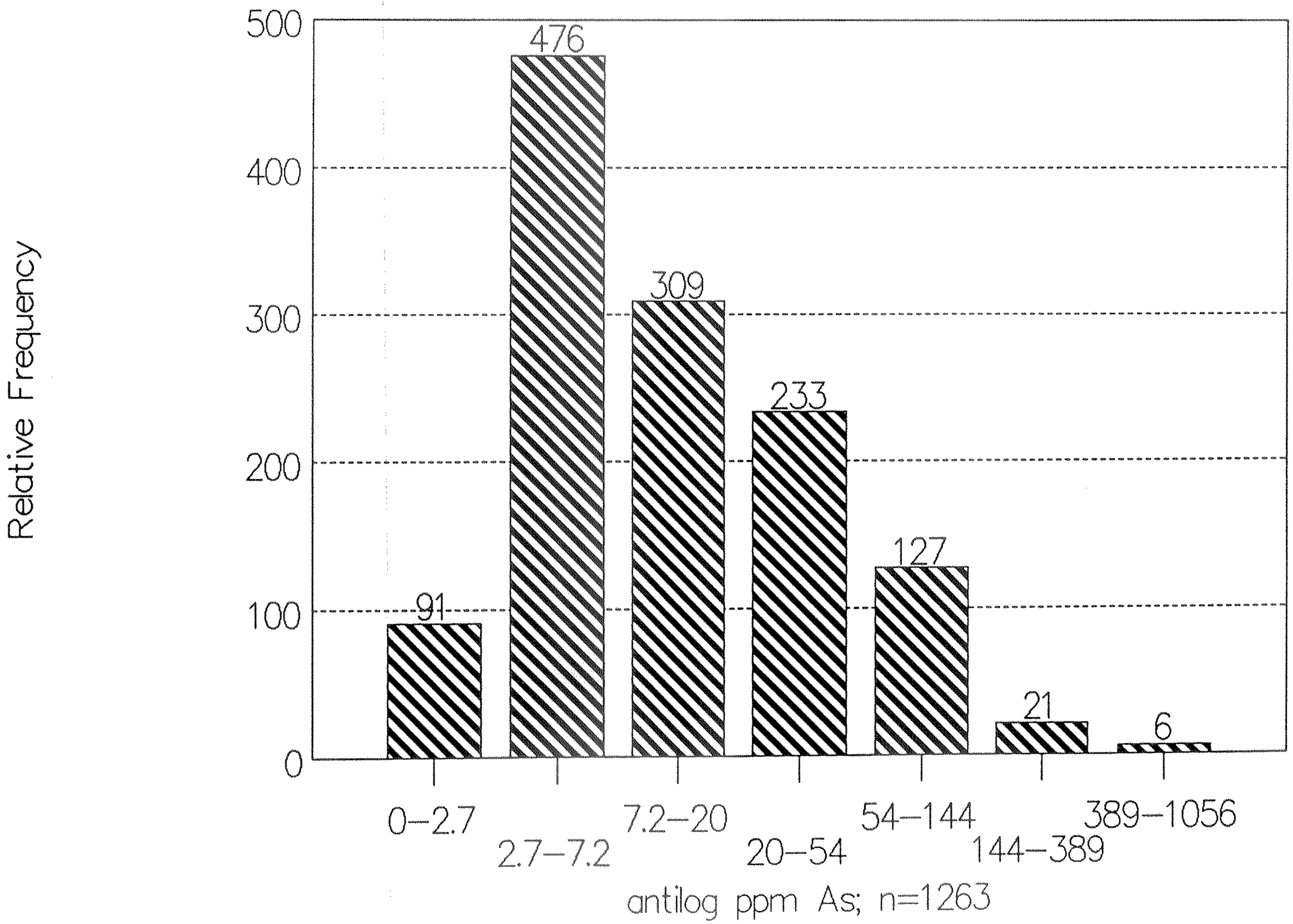
Headwaters Project

Log distribution of silver in soil.



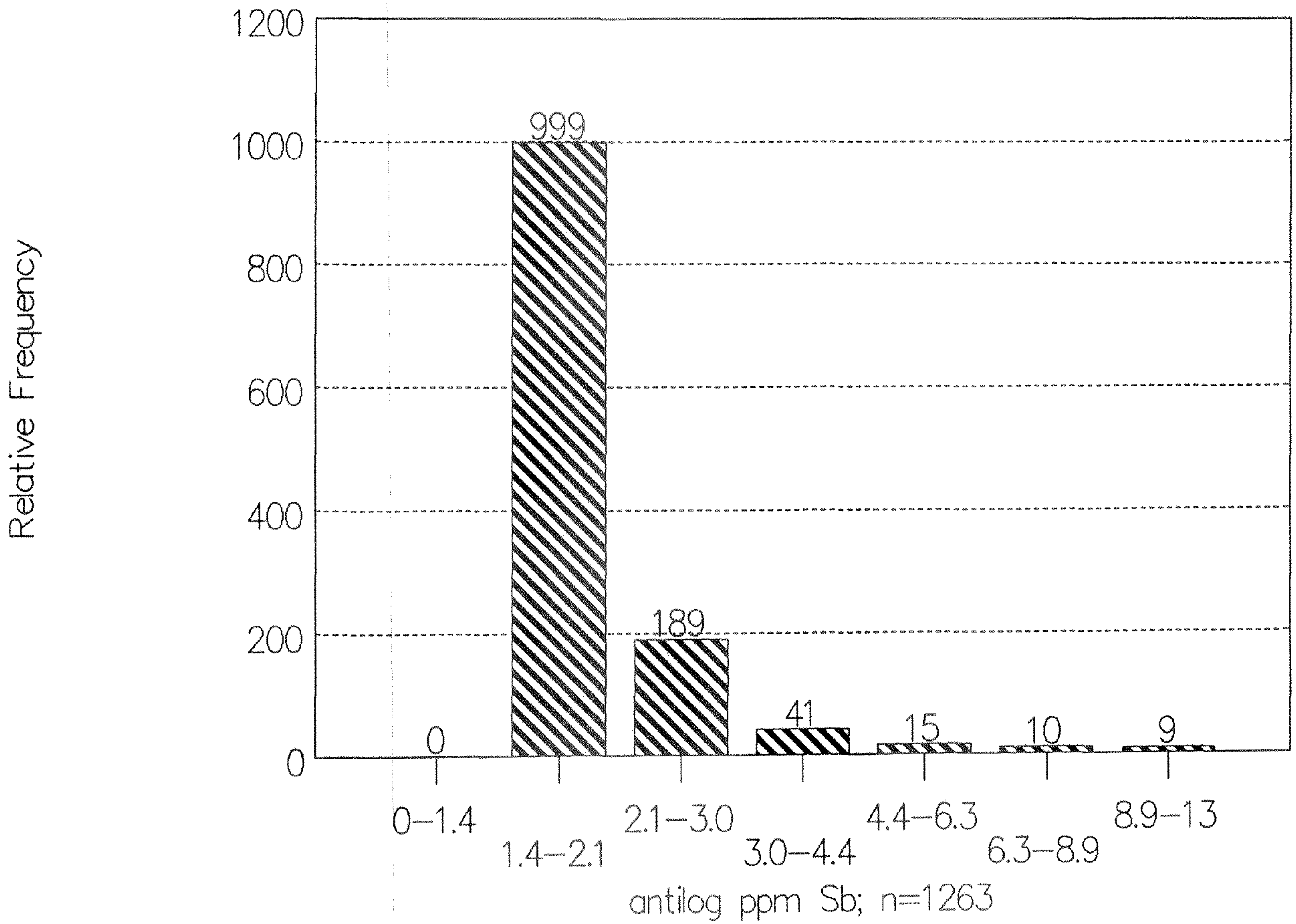
Headwaters Project

Log distribution of arsenic in soil.



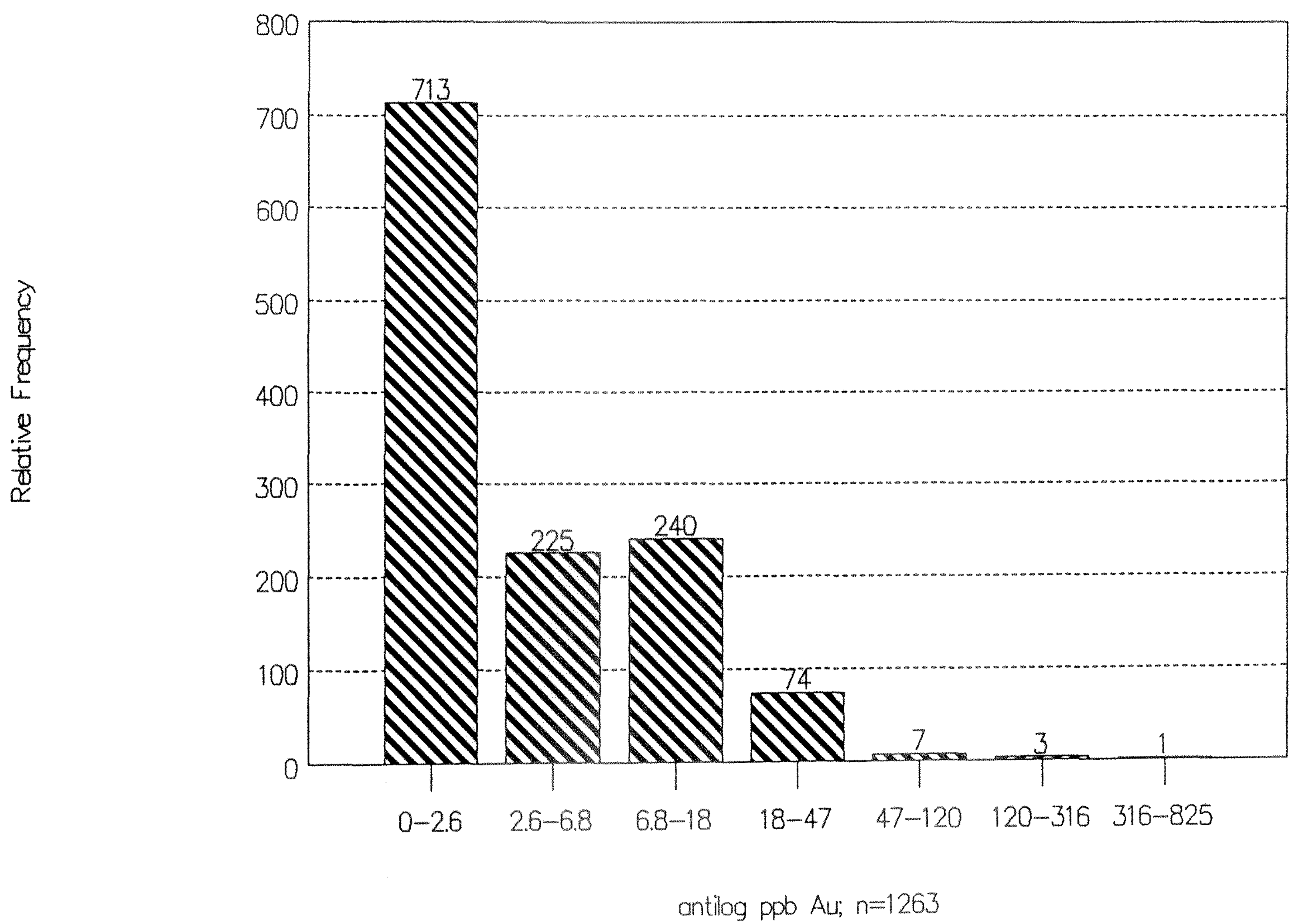
Headwaters Project

Log distribution of antimony in soil.



Headwaters Project

Log distribution of gold in soil.



Headwaters Project

Log distribution of mercury in soil.