# Summary report on mineral resources of the Picket Range area, Washington.

by

U. S. Geological Survey,
U. S. Bureau of Mines

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## Introduction

Pursuant to the Wilderness Act and related Conference Report, the Geological Survey and Bureau of Mines have made a mineral survey of the North Cascade primitive area, which, when the survey began, was being considered for inclusion in the National Wilderness Preservation System. Since then, legislation has been introduced, which, among other provisions, would add the western part of the primitive area to the National Park System. This report covers the part of the primitive area--the Picket Range area--that is being considered for inclusion in the National Park System. The survey was made during the 1966 and 1967 field seasons by M. H. Staatz, R. W. Tabor, P. L. Weis, and J. F. Robertson of the U. S. Geological Survey, and R. M. Van Noy and E. C. Pattee of the U. S. Bureau of Mines. A report that describes the scientific investigations of the survey in more detail is in preparation and will be published at a later date.

## Location

The Picket Range area extends about 22 miles along the Canadian border, from Ross Lake on the east to Mt. Shuksan on the west. It covers about 500 square miles along the backbone of the Picket Range, which consists of precipitous mountains and densely forested valleys. The ice-clad summit of Mt. Shuksan, the highest peak at 9,127 feet, towers 7,000 feet above the broad, forested Nooksack River valley to

the north and 8,000 feet above the Baker River to the south. Other peaks, such as Glacier Peak, Mt. Redoubt, Mt. Challenger, Mt. Fury, Luna Peak, Mt. Terror, Crooked Thumb Peak, Big Bosom Buttes, and Nooksack Tower, rise majestically above glacial debris-filled cirques to elevations of more than 8,000 feet. Numerous small glaciers occupy cirques along the higher ridges, especially on their north and east sides. Three glaciers, the Sulfide and East Nooksack glaciers on Mt. Shuksan and the Challenger glacier on Mt. Challenger are more than 2 miles long and half a mile wide. Meltwater from glaciers and snow banks forms many small rivulets that coalesce into streams that cascade down the mountains in narrow V-shaped valleys or steep-walled chutes. These streams join to form larger streams or rivers such as the Chilliwack River, Little Beaver Creek, Big Beaver Creek, and the Baker River, which occupy broad U-shaped valleys excavated by glaciers during the Ice Age. The upper parts of the ridges, above about 5,500 feet, are generally bare of trees. Dark green conifers make up much of the forest of lower slopes and valleys.

## Geology

Bedrock of the Picket Range area is complex and consists of metamorphic, igneous, and sedimentary rocks. The metamorphic rocks include a thick sequence of greenstones that crop out immediately west of Ross Lake, a thick zone of crenulated gneisses in the southern and central part of the area, and a thick series of phyllite and green schist that border the western side of the area. These metamorphic rocks and a younger sedimentary sequence comprising light gray arkosic

sandstone, interlayered black argillite, and conglomerate are irregularly intruded by granitic rocks of the Chilliwack batholith, which underlies a major part of the area. Locally, these sedimentary rocks, which cap some of the higher ridges along the western side of the area, have been metamorphosed by the Chilliwack batholith. Volcanic rocks consisting chiefly of tuffs, breccias, and flows occur in the northeast corder of the area, and scattered at localities along the western side. These volcanic rocks, some of which have been intruded by the Chilliwack batholith, are erosional remnants of what must once have been far more extensive deposits.

Rocks of the area were deformed in at least two periods of folding, one in which the older metamorphic rocks were tightly crenulated and one in which the younger sedimentary and volcanic rocks were more gently warped. North- and northwest-trending faults in the eastern part of the area are older than the Chilliwack batholith, whereas northeast-trending faults in the northwestern part of the area are younger than the batholith.

Most of the study area has been intensely glaciated. All of the major valleys in the area are deep, steep-sided, U-shaped troughs, whose gradients steepen abruptly within 3 to 5 miles of their heads, which are steep-walled cirques 1,500 to 4,000 feet deep. Most tributaries occupy hanging valleys, and they enter the main stream valleys as high falls or cascades. Ridges separating the major valleys are steep, narrow, and jagged, and are mostly 5,000 to 6,000 feet above the adjacent valley floors. Intense carving and plucking by the ice along

the ridges has carved them into some of the most spectacular alpine scenery in the United States.

## Geochemical exploration

An extensive sampling program was carried out as part of the investigation. During the course of the work, 1,188 stream sediment samples, 66 panned concentrates, and 450 rock samples were collected for chemical and spectrographic analysis (fig. 3). All areas of mineralization and rock alteration were sampled, and all known prospects were sampled and mapped.

Stream sediment samples were obtained at intervals of one mile or less along the major streams, and from most tributaries that contained running water at the time of the visit. Minute amounts of copper and heavy metals are present in almost all of the stream sediment samples, but samples are considered anomalous only if the content of citrate soluble heavy metals, (zinc, copper, and lead) cold copper, (extracted by cold hydrochloric acid), or molybdenum content of the sample exceeds 6 ppm (parts per million). Anomalous amounts of elements in stream sediments indicate that those elements occur in rocks somewhere upstream from the sample locality, and thus aid in narrowing the search for deposits of these and related elements.

The content of heavy minerals, mainly in stream gravels of the Picket Range is low, but 60 panned samples of heavy mineral concentrates were obtained from 33 streams. All samples were analyzed spectrographically for 18 elements and all were assayed for gold. Gold was detected in only 14 of the 60 samples; efforts to locate the source of the gold

were unsuccessful. Because of the small amounts of gold found in the samples and the small proportion of heavy minerals in the gravel, the study area is not believed to contain significant reserves of placer gold.

Rock samples were collected for analysis wherever there was reason to suspect the presence of potential concentrations of ore minerals. These areas included iron-stained or otherwide altered rock, any rocks containing visible sulfides, and rocks from areas that were regarded as possible sources of the stream sediment anomalies. The rocks were analyzed spectrographically for 18 metals, and in addition many were analyzed chemically for gold, silver, copper, lead, zinc, or molybdenum.

## Mineralized areas

Evidence of mineralization is widespread in the Picket Range area. Literally hundreds of occurrences of disseminated sulfides were found, ranging in size from pods a few inches wide by a few feet long to a zone in Sulphide Basin that is 2.5 miles long by 0.3 mile wide. Pyrite and pyrrhotite are the principal sulfides in these areas. Copper and molybdenum content of the areas is generally erratic and low, with the higher values often found in narrow zones along joints. In most places the copper and molybdenum content is too low to justify exploration.

## Localities of potential economic value

Two localities in the study area contain the most promising potential as economic deposits. These are: (1) Sulphide Basin and (2) Silver Creek prospect.

Sulphide Basin

Sulphide Creek branches headward into several tributaries that drain a basin on the southern side of Mt. Shuksan. From the mouth of this creek, which enters the Baker River 0.5 mile east of the study area boundary, to the headwaters of its longest tributary is about 3 miles. The branches of this creek end in near-vertical-walled cirques.

The basin is underlain mainly by phyllite and green schist that have been intruded by two small quartz diorite stocks. On top of the ridge that bounds the east side of Sulphide Creek is a small area of volcanic breccia. A large U-shaped zone of disseminated pyrite and pyrrhotite occurs at the headwaters of the east branch of Sulphide Creek, in which are two localities of molybdenite-bearing quartz veins about 0.3 mile apart. Much of the zone, which is 2.5 miles long and averages about 0.3 mile wide (fig. 7) is exposed in the steep cliffs that form the headwalls of the tributary, where it is conspicuous because of the iron stain resulting from the weathering of pyrite and pyrrhotite. Chalcopyrite, molybdenite, and manganese oxides occur in a few places in the zone.

As shown by 19 chip samples, metal content of the disseminated zone is generally low. Copper content is as high as 0.05 percent but probably averages near 0.02 percent. Molybdenum was not detected in most samples, although one sample contained 0.02 percent. A trace of silver was found in most samples and several had 0.04 ounce per ton; one had 0.30 ounce per ton. Gold was not detected in most samples; several had a trace, and one had 0.30 ounce per ton. Based on surface exposures, the large disseminated zone is too low in metal content to be mined economically

at the present time, but the zone is promising enough to justify further exploration to test for the existence of minable ore at depth.

Over 60 claims have been located in Sulphide Basin; five of these are placer claims. The first claims were recorded in 1892 and there has been intermittent activity in the basin since that time. On one of the claims--the old Union claim--at an altitude of about 3,040 feet, there are two small pits, cut in a part of the large disseminated zone that is heavily stained by iron oxides. A pod of massive pyrite 3 to 10 inches thick and 7 feet long is exposed in the lower of these pits; a sample cut along the length of the pod contained 0.27 ounce silver per ton but no gold or molybdenum. A chip sample across a pyrite-rich quartz vein exposed in the upper pit assayed 0.25 ounce of silver per ton, 0.05 percent copper but no gold, molybdenum, lead, or zinc.

The most recent claims, the Dead Goat and Molly claims, were staked in October 1967, after the Geological Survey-Bureau of Mines team had left the field. Our information on the claims consequently is based on a very brief visit to the Dead Goat and on information supplied by the owners.

The Dead Goat claim is located at an altitude of 1,600 feet on a west-flowing tributary of the east branch of Sulphide Creek, in an area where a small stock of quartz diorite intrudes black phyllite. Numerous quartz veins as much as 2 inches thick occur in a belt at least 80 feet thick near the contact between these rocks. Veins in the belt have a variable but generally northern trend, and an eastward

dip of 10 to 30 degrees. Along these veins are massive seams of molybdenite as much as three-quarters of an inch thick. Small flakes of molybdenite also were seen in the rock between the veins, but an 80-foot chip sample taken across the entire contact zone, excluding the veins, assayed only 0.1 ounce of silver per ton, a trace of gold, and showed no detectable molybdenum, copper, lead, or zinc. Two other samples taken by the owners in the lower third of the zone, in rock without visible molybdenite, yielded .015 and 0.03 percent molybdenum and 0.04 and 0.02 percent copper. If the molybdenite-rich veins were included, it is estimated that the average of the contact zone would probably be less than 0.05 percent molybdenum.

On the Molly claim, about 2,500 feet north of the Dead Goat prospect, across the east branch of Sulphide Creek, molybdenite-bearing quartz veins are similar to but apparently less promising than those of the Dead Goat claim.

Silver Creek prospect

A deposit of disseminated sulfides, approximately 200 by 240 feet in surface dimensions, occurs on the Weezie No. 1 claim, which is on the north side of Silver Creek, just above the trail at an approximate altitude of 2,900 feet, about 1.5 miles west of the mouth of the creek. The claim is one of 7 claims that were held by the Inland Copper Company of Washington in 1966.

Mine workings on the Weezie No. 1 claim consist of an 80-foot adit and two groups of open cuts, all of which are mainly in volcanic rocks that are bounded on the northeast and northwest by granitic rocks (fig. 4).

Several diamond drill holes were put down in the deposits during 1966 and 1967, but the drilling results were not available to the Geological Survey-Bureau of Mines team. The deposit consists chiefly of disseminated pods of chalcopyrite and molybdenite that occur near the contact of the volcanic and granitic rocks. Pyrite is the chief gangue mineral. The copper sulfides bornite and covellite are scattered sparsely in the mineralized area. The deposit crops out in 2 areas separated by a covered interval about 180 feet wide. The eastern area, which is 150 feet long and averages 25 feet wide, is exposed in the adit to a depth of 80 feet. Two samples from the adit and 5 samples from the nearby eastern open cuts range from 0.15 to 2.26 percent in copper content and from 0 to 0.5 percent in molybdenum. Average content of the eastern area, however, is about 1 percent copper and 0.12 percent molybdenum. Five samples taken from various cuts in the western outcrop range from 0.09 to 0.15 percent copper and from a trace to 0.50 percent molybdenum. An average grade of the western area is about 0.14 percent copper and 0.007 percent molybdenum. Small amounts of high-grade float were found in the area near the prospect, but the source was not found.

Although the grade of parts of this deposit is comparable to other minable disseminated ore bodies, the deposit, as presently understood, is too small and too erratically mineralized to be mined economically at the present time.

Other mineralized areas

Three mineralized areas in the Picket Range, in addition to the large zone of disseminated sulfides in Sulphide Basin, are more than

a mile long. These are: (1) Bacon Peak area (2.2 miles long by 0.3 to 0.9 of a mile, fig. 6), (2) Red Face Mountain area (1.4 miles long by 0.4 of a mile wide, fig. 5), (3) and Pass Creek area (1.3 miles long by 0.5 of a mile wide). Copper content of the Bacon Peak zone ranges from less than 10 ppm to 300 ppm and averages approximately 140 ppm. Molybdenum was not detected and zinc was found only locally. The large disseminated zone on Red Face Mountain contains from 10 to 300 ppm copper and averages about 70 ppm; zinc was not detected and molybdenum was found in only a few samples. The large zone on Pass Creek contains 70 to 150 ppm copper and averages approximately 100 ppm; molybdenum, lead, and zinc contents are low.

Mineralized material of higher grade in the study area generally occurs in small bodies, commonly along fractures in the country rock. A sample from a narrow fracture on the west side of upper Big Beaver Creek yielded 5,000 ppm copper, 2,000 ppm molybdenum, 1.5 ounces of silver per ton, and 0.12 ounces of gold per ton. Chip samples from four other narrow deposits, none of which are more than 2 feet wide, yielded 500 ppm copper, in addition to 7, 10, 25, and 30 ppm molybdenum. Samples from three disseminated bodies that range from 20 to 100 feet across, on the west side of Copper Mountain, contained 500, 200, and 150 ppm copper and 100, 300, and 200 ppm molybdenum. Samples from three small altered areas, from 5 to 20 feet across, on the northeast side of Silesia Creek, yielded 3,000, 1,000, and 700 ppm zinc. Fourteen one- to two-foot thick bodies of disseminated sulfides bounding pyrite-rich veinlets were sampled on Easy Ridge. Three of these samples yielded 1,500 ppm copper and 30 to 70 ppm molybdenum; a fourth 3,000 ppm copper and 70 ppm molybdenum.

Around the east cirque of Pass Creek, north of the large Pass Creek sulfide zone, zinc, copper, and lead occur in small disseminated sulfide bodies near the contact of metamorphic and granitic rocks. Two small skarn bodies, one a layer 2 feet wide, the other an oval-shaped body 5 feet across, adjacent to bands of marble in gneiss, contain 5,000 and 3,200 ppm zinc, 2,000 and 4,800 ppm copper, and 700 and 16,000 ppm lead respectively. Two poorly exposed deposits in gneiss adjacent to the creek yielded 3,000 and 1,500 ppm zinc, 1,500 and 200 ppm copper, and 1,000 and 70 ppm lead. Two other deposits in gneiss on the cirque wall yielded 1,500 and 2,000 ppm zinc, 200 and 70 ppm copper, and 1,000 and 1,500 ppm lead. Of these two deposits, the first is about 60 feet wide and 100 feet long; the second is about 200 feet wide and more than 400 feet long. Although none of the Pass Creek deposits examined could be mined, they are sufficiently interesting to encourage exploration in the vicinity.

Veins in the Picket Range area are sparse, narrow, and short, and except for thin veinlets associated with disseminated sulfide zones, are all low in metal content. Most of the veins consist principally of quartz, but a few also contain base metal sulfides. The gold content of the veins is uniformly only a trace. Three of the largest and highest grade veins in the area, near the crest of the Picket Range south of Crooked Thumb Peak, have maximum widths of only 5 inches, lengths of 150 to 250 feet, and metal contents of 0.30 to 1 percent copper, 0.07 to 1 percent zinc, 0.10 to 1 percent lead, 0.50 to 2.9 ounces of silver per ton, and nil to .12 ounce of gold per ton. Veins

of this size and grade are not of commercial significance.

All available evidence indicates that the Chilliwack batholith is the source of the copper, molybdenum, zinc, and lead in the Picket Range area. Almost all rock samples containing anomalous amounts of these metals were taken either from granitic rocks of the batholith or from country rock within two miles of the batholith. Bedrock content also is reflected in stream sediment anomalies. The concentration of high sediment sample values near the batholith can be seen on figure 3. The southeast fifth of the area, where the Chilliwack is not present yielded few anomalous samples, and is considered an unfavorable area for the occurrence of ore.

## Mining claims

A search of the Whatcom County records revealed that 234 lode claims and 10 placer claims have been recorded in the Picket Range study area. The claims are predominantly in the following 6 areas: (1) Silver Creek, (2) Sulphide Basin, (3) Headwaters of Chilliwack River, (4) Whatcom Pass, (5) Indian Creek, and (6) Stetattle Creek. Mineralized localities in Silver Creek and Sulphide Basin have been described previously in this report. Lode claims in the Chilliwack River area apparently were staked on iron-stained outcrops that were discolored by decomposition of iron sulphides. Quartz veins and pegmatites that contain minor amounts of sulphides have been prospected in the Whatcom Pass area. The locations on Indian Creek were placer claims. No prospect workings or significantly altered zones were found in the Stetattle Creek area.

## Conclusions

Hundreds of mineralized zones exist in the Picket Range area. Of these, two have the most promise for significant mineral potential. These are (1) Sulphide Basin and (2) Silver Creek prospect. On the basis of present knowledge, neither of these areas contain deposits that are economically minable at the present time, but both areas could contain significant resources of molybdenum and copper. Only through exploration could the mineral content of the deposits be determined.

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | International Creek drainage | | | | | | | | |
| 1 | 7,000 | <200 | 700 | 150 | 500 | <20 | 10 | 50 | <10 | 50 | 10 | 10 | <10 | <5 |
| 2 | 5,000 | <200 | 1,000 | 200 | 50 | <20 | 5 | 20 | 150 | 100 | 15 | <2 | <10 | <5 |
| 3 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Silver Creek drainage | | | | | | | | |
| 6 | 7,000 | <200 | 1,000 | 300 | 50 | <20 | 20 | 70 | <10 | <10 | 20 | <2 | <10 | 20 |
| 7 | 5,000 | <200 | 300 | 200 | 100 | <20 | 30 | 50 | 10 | 30 | 10 | <5 | <10 | 5 |
| 8 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 5,000 | <200 | 1,000 | 150 | 200 | <20 | 5 | 30 | 150 | 30 | 10 | 10 | <10 | <5 |
| 13 | 3,000 | <200 | 2,000 | 150 | 500 | <20 | <2 | 50 | 100 | 500 | 5 | <2 | 20 | <5 |
| 14 | 3,000 | 300 | 200 | 100 | 100 | <20 | <2 | 200 | 50 | 50 | 10 | <2 | <10 | <5 |
| 15 | 3,000 | <200 | 1,000 | 100 | 70 | <20 | <2 | 30 | 10 | 70 | 5 | <2 | <10 | <5 |
| 16 | 5,000 | <200 | 1,000 | 100 | 50 | <20 | <2 | 150 | 20 | 150 | 20 | <2 | <10 | <5 |
| 17 | 5,000 | <200 | 500 | 100 | 50 | <20 | <2 | 150 | 20 | 500 | <5 | <2 | <10 | <5 |
| 18 | 3,000 | <200 | 700 | 150 | 100 | <20 | <2 | 300 | 15 | 50 | 10 | <2 | 100 | <5 |
| 19 | 5,000 | <200 | 2,000 | 100 | 50 | <20 | <2 | 500 | 70 | 50 | 10 | 5 | 150 | <5 |
| 20 | 10,000 | <200 | 5,000 | 100 | 200 | <20 | 10 | 300 | 50 | 100 | 30 | <2 | 200 | <5 |
| 21 | 7,000 | <200 | 1,000 | 150 | 50 | <20 | <2 | 200 | 15 | <10 | 10 | 10 | <10 | <5 |
| 22 | 500 | <200 | 500 | 10 | 50 | <20 | <2 | 300 | 200 | 70 | <5 | <2 | <10 | <5 |
| 23 | 3,000 | <200 | 700 | 20 | 150 | <20 | <2 | 70 | 50 | 100 | 10 | <2 | <10 | <5 |
| 24 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 5,000 | <200 | 1,500 | 150 | 50 | <20 | 10 | 150 | <10 | <10 | 15 | <2 | <10 | <5 |
| 29 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 32 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 34 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | ----- | --- | --- | --- | --- | --- | --- | --- | ---- | --- | --- | --- | --- | --- |
| 36 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 38 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 39 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 40 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 41 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 42 | 3,000 | <200 | 500 | 70 | 150 | 30 | 15 | --- | 30 | 20 | 30 | --- | <10 | <5 |
| 43 | 1,000 | <200 | 100 | 10 | --- | 30 | 3 | --- | 20 | --- | 50 | --- | 30 | 7 |
| 44 | 2,000 | <200 | 300 | 50 | --- | 50 | 5 | --- | 20 | --- | 30 | --- | <10 | 5 |
| 45 | 3,000 | <200 | 200 | 70 | --- | <20 | 3 | --- | 20 | --- | 20 | --- | <10 | 7 |
| 46 | 2,000 | <200 | 200 | 50 | --- | <20 | 3 | --- | 20 | --- | 15 | --- | <10 | 7 |
| 47 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 48 | 7,000 | <200 | 1,000 | 2,000 | 1,000 | 50 | 20 | 30 | <10 | 200 | 20 | <2 | <10 | 20 |
| 49 | 7,000 | <200 | 200 | 150 | 50 | <20 | <2 | 50 | <10 | 50 | 10 | <2 | <10 | <5 |
| 50 | 5,000 | <200 | 1,000 | 150 | 50 | <20 | 10 | 100 | <10 | <10 | 15 | <2 | <10 | 5 |
| 51 | 10,000 | <200 | 500 | 300 | 50 | <20 | <2 | 30 | <10 | 70 | 10 | <2 | <10 | <5 |
| 52 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- |
| 53 | 10,000 | <200 | 1,000 | 200 | 300 | <20 | 5 | 7 | <10 | 30 | 15 | <2 | <10 | <5 |
| 54 | >10,000 | <200 | 1,000 | 1,500 | >1,000 | 100 | <2 | 70 | <10 | 200 | 20 | <2 | <10 | 20 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perry Creek drainage | | | | | | | | |
| 55 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 56 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 57 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 58 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 59 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 60 | 7,000 | <200 | 1,000 | 300 | 150 | <20 | 20 | 100 | <10 | 10 | 30 | <5 | <10 | 10 |
| 61 | 150 | <200 | 1,500 | 30 | <10 | <20 | 2,000 | 30 | <10 | 15 | <10 | <5 | <10 | 100 |
| 62 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 63 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 64 | 10,000 | <200 | 200 | 200 | 100 | <20 | <2 | 100 | 50 | 500 | <5 | 15 | <10 | <5 |
| 65 | 7,000 | <200 | 20 | 200 | 70 | <20 | <2 | 5 | <10 | 200 | 10 | <2 | <10 | <5 |
| 66 | 5,000 | <200 | 50 | 100 | 100 | <20 | <2 | 5 | <10 | 70 | <5 | 20 | 50 | 5 |
| 67 | 5,000 | <200 | 500 | 200 | 70 | <20 | 15 | 50 | <10 | 700 | 15 | 15 | <10 | <5 |
| 68 | 10,000 | <200 | 1,000 | 200 | 50 | <20 | 20 | 30 | <10 | 300 | 10 | <2 | <10 | <5 |
| | | | | | | Redoubt Creek drainage | | | | | | | | |
| 69 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 70 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 71 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 72 | >10,000 | <200 | 2,000 | 1,000 | >1,000 | <20 | 50 | 50 | 10 | 70 | 20 | <2 | <10 | 30 |
| | | | | | | Pass Creek drainage (Tributary to Little Beaver Creek) | | | | | | | | |
| 73 | 7,000 | <200 | 700 | 100 | 15 | <20 | 20 | 300 | 20 | <10 | 20 | <5 | <10 | 20 |
| 74 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 75 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 76 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 77 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 78 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 79 | 7,000 | <200 | 700 | 150 | 150 | <20 | 50 | 70 | 70 | 10 | 20 | <5 | <10 | 10 |
| 80 | 7,000 | <200 | 1,000 | 200 | 70 | <20 | 150 | 150 | 20 | <10 | 15 | <5 | <10 | 30 |
| 81 | 700 | <200 | 1,500 | 15 | 10 | <20 | 5 | 10 | 50 | 100 | 7 | <5 | <10 | <5 |
| 82 | 1,000 | 1,500 | >5,000 | 30 | 15 | <20 | 20 | 200 | 1,000 | 20 | 10 | 15 | <10 | 30 |
| 83 | 1,500 | 1,000 | 5,000 | 30 | 30 | <20 | 3 | --- | 200 | 150 | 15 | <5 | <10 | <5 |
| 84 | 1,500 | 5,000 | >5,000 | 15 | 200 | <20 | 15 | 2,000 | 700 | 20 | 10 | <5 | <10 | 30 |
| 85 | 700 | 7,000 | 5,000 | 50 | 20 | 20 | 3 | 500 | 10,000 | 15 | 10 | <5 | <10 | <5 |
| 86 | 1,000 | 2,000 | >5,000 | 15 | 100 | <20 | 15 | 700 | 1,500 | 50 | 20 | 70 | <10 | 30 |
| 87 | 3,000 | 1,500 | 1,000 | 150 | 150 | 20 | 30 | 200 | 70 | 30 | 15 | 5 | <10 | 5 |
| 88 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 89 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 90 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 91 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 92 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 93 | 1,500 | 3,000 | >5,000 | 30 | 10 | <20 | 50 | 1,500 | 1,000 | 300 | 7 | <5 | <10 | 15 |
| 94 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 95 | 10,000 | <200 | 1,000 | 150 | 100 | <20 | 50 | 150 | 100 | <10 | 30 | <5 | 70 | 20 |
| 96 | 7,000 | <200 | 500 | 200 | 150 | <20 | 50 | 150 | 70 | 15 | 15 | <5 | 10 | 10 |
| 97 | 7,000 | <200 | 1,000 | 150 | 70 | <20 | 50 | 70 | 100 | 100 | 20 | 5 | 20 | 10 |
| 98 | 3,000 | <200 | 700 | 100 | 150 | 20 | 100 | 70 | 30 | 15 | 20 | <5 | <10 | 15 |
| 99 | 5,000 | <200 | 1,500 | 100 | 100 | 20 | 20 | 150 | 100 | 10 | 15 | 7 | <10 | 5 |
| 100 | 3,000 | <200 | 7 700 | 70 | 100 | <20 | 20 | 30 | 70 | <10 | 7 | <5 | <10 | 5 |
| 101 | 3,000 | 300 | >5,000 | 100 | 50 | <20 | 30 | 70 | 70 | 10 | 15 | 5 | <10 | 10 |
| 102 | 7,000 | <200 | 1,500 | 700 | 30 | <20 | 20 | 100 | 10 | <10 | 15 | <5 | <10 | 20 |
| 103 | 3,000 | <200 | 700 | 100 | 100 | <20 | 15 | 70 | 100 | 10 | 15 | 7 | 10 | <5 |
| 104 | >10,000 | <200 | 2,000 | 300 | 500 | 50 | 50 | 100 | 10 | 100 | 30 | <2 | <10 | 30 |
| 105 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Red Face Mountain Area | | | | | | | | |
| 106 | 3,000 | <200 | 500 | 200 | 100 | <20 | 10 | 50 | 20 | 10 | 20 | <5 | <10 | 7 |
| 107 | 5,000 | <200 | 700 | 200 | 150 | <20 | 30 | 300 | 30 | <10 | 15 | 10 | <10 | 20 |
| 108 | 5,000 | <200 | 2,000 | 300 | 70 | <20 | 15 | 70 | 30 | 20 | 10 | 50 | <10 | 15 |
| 109 | 1,500 | <200 | 200 | 100 | 150 | <20 | 5 | 50 | 15 | <10 | <10 | <5 | <10 | 5 |
| 110 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 111 | 5,000 | <200 | 1,000 | 200 | 100 | <20 | 5 | 30 | 10 | <10 | 15 | <5 | <10 | 10 |
| 112 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 113 | 5,000 | <200 | 1,000 | 200 | 20 | <20 | <2 | 10 | <10 | <10 | 20 | <2 | <10 | <5 |
| 114 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 115 | 1,500 | <200 | 200 | 50 | 70 | 20 | <5 | 20 | 20 | 15 | <10 | 5 | <10 | <5 |
| 116 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 117 | 7,000 | <200 | 1,000 | 200 | 50 | <20 | <2 | 50 | <10 | <10 | 20 | <2 | <10 | <5 |
| 118 | 2,000 | <200 | 100 | 30 | 100 | <20 | <2 | 50 | 100 | 30 | <5 | <2 | <10 | <5 |
| 119 | 1,500 | <200 | 300 | 70 | 150 | 20 | <5 | 30 | 10 | 20 | <10 | <5 | <10 | <5 |
| 120 | 2,000 | <200 | 500 | 100 | 100 | 20 | 7 | 70 | 30 | <10 | 10 | 20 | <10 | <5 |
| 121 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 122 | 2,000 | <200 | 30 | 15 | 150 | 20 | <5 | 30 | 20 | <10 | <10 | 50 | <10 | <5 |
| 123 | 150 | <200 | 70 | 15 | --- | --- | <5 | 50 | <10 | --- | <10 | 5 | <10 | <5 |
| 124 | 3,000 | <200 | 700 | 50 | 100 | <20 | <2 | 50 | 20 | <10 | 20 | <2 | <10 | <5 |
| 125 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 126 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 127 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 128 | 100 | <200 | 30 | 15 | --- | <20 | 3 | 30 | <10 | --- | <10 | <5 | <10 | <5 |
| 129 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 130 | 2,000 | <200 | 50 | 150 | --- | <20 | <2 | 70 | 30 | --- | 15 | 50 | <10 | <5 |
| 131 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 132 | 1,000 | <200 | 2,000 | 150 | 150 | <20 | 50 | 300 | 20 | <10 | 30 | <2 | <10 | <5 |
| 133 | 3,000 | <200 | 1,000 | 150 | 1,000 | 50 | 30 | 200 | <10 | 200 | <5 | <2 | <10 | <5 |
| 134 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 135 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 136 | 5,000 | <200 | 700 | 150 | 200 | 50 | <2 | 50 | <10 | 150 | 10 | <2 | <10 | <5 |
| 137 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 138 | 5,000 | <200 | 700 | 150 | 200 | 20 | 15 | 30 | 70 | <10 | 15 | 20 | <10 | 7 |
| 139 | 1,500 | <200 | 150 | 30 | 150 | 20 | 5 | 7 | 10 | <10 | 15 | <5 | <10 | <5 |
| 140 | 1,500 | <200 | 300 | 30 | 200 | 20 | 5 | 10 | 20 | <10 | 20 | <5 | <10 | <5 |
| 141 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 142 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 143 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 144 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 145 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 146 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 147 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 148 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 149 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 150 | 5,000 | <200 | 700 | 100 | 100 | <20 | 5 | 30 | 100 | 15 | 10 | <5 | 70 | 7 |
| 151 | 1,000 | <200 | 1,000 | 70 | 300 | 30 | 3 | 70 | 200 | 10 | 70 | 7 | 100 | 10 |
| 152 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 153 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 154 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 155 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 156 | 1,500 | <200 | 300 | 70 | 100 | <20 | <2 | 20 | 50 | 30 | <5 | 30 | <10 | <5 |
| 157 | 2,000 | <200 | 300 | 100 | 150 | <20 | <2 | 20 | 10 | <10 | 10 | 10 | <10 | <5 |
| 158 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 159 | 2,000 | <200 | 500 | 70 | 100 | <20 | 10 | 200 | 100 | 10 | 15 | <2 | <10 | <5 |
| 160 | 2,000 | <200 | 500 | 150 | 150 | <20 | 5 | 30 | 30 | 15 | <10 | 5 | <10 | 5 |
| 161 | 2,000 | <200 | 300 | 150 | 100 | <20 | 7 | 30 | 20 | 20 | <10 | <5 | <10 | <5 |
| 162 | 500 | <200 | 100 | 30 | 15 | <20 | 2 | 15 | 10 | 10 | <5 | 30 | <10 | <5 |
| 163 | 100 | <200 | 100 | 15 | <10 | <20 | <2 | 3 | <10 | <10 | <5 | <5 | <10 | <5 |
| 164 | 2,000 | <200 | 200 | 70 | 300 | <20 | 3 | 70 | 30 | 10 | 7 | 5 | <10 | <5 |
| 165 | 300 | <200 | 150 | 15 | 30 | <20 | 2 | 7 | <10 | <10 | 5 | <5 | <10 | <5 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Red Face Mountain Area--Continued | | | | | | | | |
| 166 | 3,000 | <200 | 150 | 30 | 300 | <20 | 2 | 15 | 70 | 15 | 15 | <5 | <10 | 5 |
| 167 | 3,000 | <200 | 300 | 100 | 100 | <20 | <2 | 50 | 100 | 30 | 10 | <2 | <10 | <5 |
| 168 | 10,000 | <200 | 500 | 150 | 500 | <20 | 20 | 30 | 10 | 30 | 15 | 20 | <10 | 5 |
| 169 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 170 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 171 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 172 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 173 | 5,000 | <200 | 500 | 100 | 200 | <20 | 5 | 5 | 10 | 30 | 10 | <2 | <10 | <5 |
| 174 | 7,000 | <200 | 200 | 150 | 300 | <20 | 10 | 5 | <10 | 100 | 10 | <2 | <10 | 5 |
| 175 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 176 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 177 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 178 | 1,500 | <200 | 700 | 30 | 100 | <20 | <2 | 150 | 70 | 100 | 30 | <2 | <10 | <5 |
| 179 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 180 | 3,000 | <200 | 500 | 100 | 70 | <20 | 15 | 200 | 70 | <10 | 5 | 200 | <10 | <5 |
| 181 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 182 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 183 | 5,000 | <200 | 1,000 | 150 | 300 | <20 | <2 | 30 | 20 | 20 | 10 | <2 | <10 | <5 |
| 184 | 10,000 | <200 | 1,500 | 200 | 30 | <20 | 2 | 50 | 70 | <10 | 10 | <2 | <10 | <5 |
| 185 | 3,000 | <200 | 1,000 | 100 | 200 | <20 | <2 | 30 | 100 | 100 | 20 | <2 | <10 | <5 |
| 186 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 187 | 5,000 | 10,000 | 5,000 | 300 | 100 | <20 | 30 | 200 | 500 | 100 | 50 | <5 | <10 | 30 |
| 188 | 5,000 | <200 | 1,500 | 150 | 100 | <20 | 30 | 70 | 50 | 20 | 15 | <5 | <10 | 7 |
| | | | | | | Little Beaver Creek drainage | | | | | | | | |
| 189 | ----- | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 190 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 191 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 192 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 193 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 194 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 195 | 3,000 | <200 | 1,000 | 150 | 70 | <20 | 10 | 200 | 150 | 15 | 15 | 10 | <10 | 30 |
| 196 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 197 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 198 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 199 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 200 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 201 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 202 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 203 | 7,000 | <200 | 500 | 2,000 | 700 | <20 | <2 | 30 | 70 | 100 | 20 | 150 | <10 | 30 |
| 204 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 205 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 206 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 207 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 208 | ------- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 209 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 210 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 211 | 3,000 | <200 | 300 | 70 | 70 | 20 | 5 | 50 | 20 | <10 | 10 | <5 | <10 | <5 |
| 212 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 213 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 214 | 7,000 | <200 | 1,000 | 1,000 | >1,000 | 20 | 30 | 30 | <10 | 70 | 30 | <2 | <10 | 20 |
| 215 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 216 | 700 | <200 | 1,000 | 20 | 10 | <20 | 7 | 5,000 | <10 | <10 | <10 | <5 | <10 | 200 |
| 217 | 3,000 | <200 | 2,000 | 200 | 100 | <20 | 5 | 500 | 10 | <10 | 20 | <5 | 20 | 10 |
| 218 | 5,000 | <200 | 1,000 | 150 | 30 | <20 | 5 | 100 | <10 | <10 | 10 | <2 | <10 | <5 |
| 219 | 2,000 | <200 | 5,000 | 50 | 20 | <20 | <2 | 500 | <10 | 50 | 5 | <2 | 100 | <5 |
| 220 | 1,000 | 300 | 3,000 | 70 | 50 | <20 | 7 | 150 | <10 | <10 | 20 | <5 | 150 | 5 |
| 221 | 1,500 | 200 | >5,000 | 70 | 100 | <20 | 50 | 500 | <10 | <10 | 10 | <5 | 70 | 30 |
| 222 | 7,000 | <200 | 1,500 | 500 | 150 | <20 | 30 | 100 | <10 | <10 | 50 | <5 | <10 | 10 |
| 223 | 3,000 | <200 | 700 | 200 | 100 | <20 | 20 | 100 | <10 | 10 | 30 | <5 | <10 | 10 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Little Beaver Creek drainage--Continued | | | | | | | | |
| 224 | 7,000 | <200 | 1,000 | 300 | 150 | <20 | 30 | 150 | <10 | 15 | 50 | <5 | <10 | 15 |
| 225 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 226 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 227 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 228 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 229 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 230 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 231 | 5,000 | <200 | 500 | 200 | 200 | <20 | 15 | 70 | <10 | <10 | 20 | <5 | <10 | 10 |
| 232 | 3,000 | <200 | 500 | 200 | 50 | <20 | 5 | 50 | <10 | <10 | 10 | 5 | <10 | <5 |
| 233 | 5,000 | <200 | 700 | 300 | 70 | <20 | 20 | 150 | <10 | <10 | 30 | 30 | <10 | 15 |
| 234 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 235 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 236 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 237 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 238 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 239 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 240 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 241 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 242 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 243 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 244 | >10,000 | <200 | 1,500 | 1,500 | >1,000 | 50 | <2 | 50 | <10 | 100 | 50 | <2 | <10 | 30 |
| 245 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 246 | 5,000 | <200 | 700 | 150 | 150 | <20 | 15 | 20 | 10 | <10 | <20 | <2 | <10 | 5 |
| 247 | 7,000 | <200 | 1,000 | 500 | 150 | <20 | 15 | 50 | 10 | <10 | 30 | 10 | <10 | 10 |
| 248 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 249 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Arctic Creek drainage | | | | | | | | |
| 250 | 3,000 | <200 | 300 | 150 | 150 | 20 | 10 | 150 | <10 | 10 | <10 | 20 | <10 | <5 |
| 251 | 3,000 | <200 | 500 | 300 | 100 | <20 | 30 | 100 | 10 | <10 | 20 | 30 | <10 | 15 |
| 252 | 3,000 | <200 | 300 | 150 | 200 | <20 | 5 | 20 | <10 | <10 | <10 | <5 | <10 | <5 |
| 253 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 254 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 255 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 256 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 257 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 258 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 259 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 260 | 5,000 | <200 | 500 | 300 | 150 | <20 | 10 | 7 | <10 | <10 | 15 | 10 | <10 | 70 |
| 261 | 2,000 | <200 | 1,000 | 200 | 150 | 20 | 30 | 200 | 30 | 10 | 30 | 5 | <10 | 15 |
| 262 | 3,000 | <200 | 1,500 | 200 | 150 | 20 | 30 | 300 | 20 | <10 | 30 | 50 | <10 | 20 |
| 263 | 1,500 | <200 | 1,500 | 150 | 100 | 20 | 30 | 500 | 20 | <10 | 20 | 100 | <10 | 20 |
| 264 | 7,000 | <200 | 500 | 300 | 150 | <20 | 7 | 100 | <10 | <10 | 20 | 15 | <10 | 30 |
| 265 | 5,000 | <200 | 700 | 200 | 150 | <20 | 7 | 50 | 10 | <10 | 30 | <5 | <10 | 50 |
| 266 | 3,000 | <200 | 300 | 200 | 150 | <20 | 10 | 70 | <10 | <10 | 30 | <5 | <10 | 10 |
| 267 | 1,000 | <200 | 1,500 | 10 | 150 | 30 | 5 | 10 | <10 | 50 | <10 | 70 | <10 | <5 |
| 268 | 70 | <200 | >5,000 | <10 | <10 | <20 | 150 | 70 | 10 | <10 | 70 | <5 | <10 | 100 |
| 269 | 5,000 | <200 | 500 | 150 | 50 | <20 | 20 | 100 | 10 | <10 | 20 | <5 | <10 | 7 |
| 270 | 5,000 | <200 | 700 | 100 | 70 | <20 | 70 | 100 | 50 | <10 | 15 | <5 | 10 | 30 |
| 271 | 1,000 | <200 | 1,500 | 500 | <10 | <20 | 150 | 500 | <10 | <10 | <10 | <5 | <10 | 50 |
| 272 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 273 | 5,000 | <200 | 700 | 100 | 70 | <20 | 15 | 70 | 10 | <10 | 30 | <5 | <10 | 7 |
| 274 | >10,000 | <200 | 1,500 | 300 | 500 | <20 | 70 | 20 | 10 | 15 | 100 | <2 | <10 | 10 |
| 275 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 276 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 277 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 278 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 279 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 280 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 281 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 282 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 283 | 2,000 | <200 | 700 | 100 | 70 | <20 | 15 | 70 | 10 | 50 | 10 | <5 | <10 | 5 |
| 284 | 3,000 | <200 | 300 | 100 | 100 | <20 | 15 | 70 | <10 | 20 | 15 | 5 | <10 | 5 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Arctic Creek drainage--Continued | | | | | | | | |
| 285 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 286 | 1,500 | <200 | 150 | 20 | 30 | <20 | 10 | 50 | <10 | 30 | <10 | <5 | <10 | <5 |
| 287 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 288 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 289 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 290 | >10,000 | <200 | 300 | 1,500 | 700 | 70 | 20 | 30 | <10 | 50 | 15 | <2 | <10 | 20 |
| | | | | | | No Name Creek drainage | | | | | | | | |
| 291 | 2,000 | <200 | 1,000 | 500 | 500 | <20 | 20 | 100 | <10 | <10 | <10 | <5 | <10 | 50 |
| 292 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 293 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 294 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 295 | 3,000 | <200 | 300 | 150 | 50 | <20 | 10 | 50 | 50 | 20 | <10 | <5 | <10 | <5 |
| 296 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 297 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 298 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 299 | 5,000 | <200 | 1,500 | 200 | 100 | <20 | 100 | 30 | <10 | 15 | 7 | <2 | <10 | 70 |
| 300 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 301 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 302 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 303 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 304 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 305 | 5,000 | <200 | 1,000 | 200 | 150 | <20 | 50 | 70 | 10 | 70 | 30 | <2 | <10 | 30 |
| 306 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Skymo Creek drainage | | | | | | | | |
| 307 | 1,000 | <200 | 500 | 200 | 150 | <20 | 300 | 1,000 | <10 | 20 | <5 | <2 | <10 | 30 |
| 308 | 1,000 | <200 | 500 | 200 | 150 | <20 | 200 | 300 | <10 | <10 | <5 | <2 | <10 | 30 |
| 309 | 5,000 | <200 | 700 | 200 | 300 | <20 | 20 | 300 | <10 | <10 | 10 | <2 | <10 | <5 |
| 310 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 311 | 5,000 | <200 | 1,000 | 300 | 100 | <20 | 10 | 100 | 10 | <10 | 20 | <5 | <10 | 15 |
| 312 | 10,000 | <200 | 2,000 | 500 | 200 | <20 | 10 | 150 | <10 | 10 | 50 | <5 | <10 | 10 |
| 313 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 314 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 315 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 316 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 317 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 318 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 319 | >10,000 | <200 | 1,500 | 700 | 300 | <20 | 300 | 70 | <10 | 150 | 20 | <2 | 50 | 70 |
| | | | | | | Luna Creek drainage | | | | | | | | |
| 320 | 5,000 | <200 | 1,000 | 500 | 50 | <20 | 20 | 50 | 10 | <10 | 20 | <5 | <10 | 15 |
| 321 | 1,500 | <200 | 150 | 20 | 150 | <20 | <5 | 70 | <10 | 10 | <10 | <5 | <10 | 5 |
| 322 | 3,000 | <200 | 500 | 100 | 100 | 50 | 5 | 100 | <10 | 10 | <10 | <5 | <10 | 5 |
| 323 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 324 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 325 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 326 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 327 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 328 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 329 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 330 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 331 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 332 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 333 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 334 | 3,000 | <200 | 700 | 100 | 70 | <20 | 15 | 3,000 | 30 | 15 | 10 | 150 | 15 | 15 |
| 335 | 2,000 | <200 | 100 | 50 | 30 | <20 | 20 | 20 | 10 | 10 | <10 | <5 | <10 | <5 |
| 336 | 3,000 | <200 | 500 | 200 | 200 | <20 | 50 | 300 | 20 | <10 | 20 | <5 | <10 | 20 |
| 337 | 5,000 | <200 | 300 | 300 | 150 | 50 | 10 | 200 | <10 | <10 | 20 | <5 | <10 | 10 |
| 338 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 339 | 2,000 | <200 | 500 | 200 | 100 | <20 | 10 | 50 | <10 | <10 | 10 | <5 | <10 | 5 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Luna Creek drainage--Continued | | | | | | | | |
| 340 | 5,000 | <200 | 500 | 150 | 200 | <20 | 10 | 500 | <10 | <10 | 30 | <5 | <10 | 10 |
| 341 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 342 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 343 | 5,000 | <200 | 1,000 | 700 | 700 | 70 | 15 | 50 | 15 | 20 | 20 | <2 | <10 | 5 |
| 344 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 345 | 3,000 | <200 | 1,000 | 200 | 150 | 20 | 5 | 50 | 15 | 200 | 30 | <5 | <10 | 10 |
| 346 | 2,000 | <200 | 700 | 150 | 100 | <20 | 5 | 100 | <10 | 10 | 7 | <2 | <10 | 5 |
| | | | | | | McMillan Creek drainage | | | | | | | | |
| 347 | 2,000 | <200 | 200 | 70 | 100 | <20 | 5 | 70 | <10 | <10 | <10 | <5 | <10 | <5 |
| 348 | 3,000 | <200 | 150 | 100 | 100 | <20 | 15 | 200 | <10 | <10 | <10 | <5 | <10 | 10 |
| 349 | 3,000 | <200 | 300 | 150 | 150 | <20 | 5 | 50 | <10 | <10 | 10 | <5 | <10 | <5 |
| 350 | 2,000 | <200 | 200 | 100 | 150 | <20 | 5 | 50 | 10 | <10 | <10 | 5 | <10 | <5 |
| 351 | 5,000 | <200 | 500 | 150 | 150 | <20 | 5 | 20 | 10 | <10 | <10 | 5 | <10 | <5 |
| 352 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 353 | 5,000 | <200 | 1,000 | 500 | 70 | <20 | 5 | 50 | <10 | <10 | 10 | <5 | <10 | 5 |
| 354 | 3,000 | <200 | 300 | 100 | 100 | <20 | 5 | 150 | 30 | 10 | <10 | <5 | <10 | <5 |
| 355 | 3,000 | <200 | 200 | 100 | 100 | <20 | 10 | 300 | <10 | <10 | <10 | <5 | <10 | <5 |
| 356 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 357 | 7,000 | <200 | 1,500 | 1,000 | 1,000 | 100 | 100 | 200 | 20 | 50 | 30 | <2 | <10 | 10 |
| 358 | 3,000 | <200 | 3,000 | 150 | 150 | <20 | 100 | 50 | <10 | <10 | 10 | <5 | <10 | 15 |
| 359 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Big Beaver Creek drainage | | | | | | | | |
| 360 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 361 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 362 | 1,500 | <200 | 200 | 50 | 20 | 70 | 10 | >5,000 | <10 | 10 | 15 | >2,000 | 50 | 10 |
| 363 | 2,000 | <200 | 300 | 100 | 150 | <20 | 5 | 200 | 10 | 20 | 10 | 10 | <10 | <5 |
| 364 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 365 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 366 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 367 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 368 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 369 | 5,000 | <200 | 1,000 | 1,500 | >1,000 | 100 | 15 | 30 | <10 | 50 | 30 | <2 | <10 | 15 |
| 370 | 3,000 | <200 | 100 | 100 | 100 | <20 | <5 | 20 | <10 | <10 | 10 | <5 | <10 | 5 |
| 371 | 5,000 | <200 | 1,500 | 500 | 100 | <20 | 100 | 500 | <10 | 10 | 30 | <5 | <10 | 20 |
| 372 | 1,500 | <200 | 150 | 30 | 100 | <20 | 5 | 100 | 10 | 10 | 10 | 50 | <10 | <5 |
| 373 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 374 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 375 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 376 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 377 | 5,000 | <200 | 500 | 200 | 200 | <20 | 10 | 50 | 20 | 50 | 50 | 50 | <10 | <5 |
| 378 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 379 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 380 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 381 | 700 | <200 | 50 | 10 | 200 | 20 | 2 | 500 | 70 | 10 | 20 | 5 | <10 | 5 |
| 382 | 1,000 | <200 | 100 | <10 | 70 | <20 | 2 | 150 | 20 | 10 | 30 | 15 | <10 | <5 |
| 383 | 3,000 | <200 | 300 | 700 | 70 | <20 | 15 | 100 | <10 | <10 | 20 | 30 | <10 | 5 |
| 384 | >10,000 | <200 | 1,000 | 1,500 | >1,000 | 100 | 15 | 70 | <10 | 100 | 30 | <2 | <10 | 20 |
| 385 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 386 | 5,000 | <200 | 1,000 | 150 | 150 | <20 | 5 | 30 | <10 | <10 | <10 | <5 | <10 | 5 |
| 387 | 3,000 | <200 | 500 | 100 | 150 | <20 | <2 | 50 | <10 | <10 | <5 | <2 | <10 | <5 |
| 388 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 389 | >10,000 | <200 | 3,000 | 500 | 1,000 | 50 | 700 | 30 | <10 | 30 | 100 | <2 | 20 | 70 |
| 390 | 10,000 | <200 | 700 | 100 | 500 | <20 | 15 | 50 | <10 | <10 | 20 | <2 | <10 | <5 |
| 391 | >10,000 | <200 | 5,000 | 300 | >1,000 | 150 | 300 | 70 | <10 | 30 | 70 | <2 | <10 | 30 |
| 392 | >10,000 | <200 | 200 | 1,000 | >1,000 | 500 | <2 | 20 | <10 | 50 | 30 | <2 | <10 | 20 |
| 393 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 394 | 5,000 | <200 | 2,000 | 300 | 300 | <20 | 30 | 300 | <10 | <10 | 15 | <2 | <10 | 5 |

Semiquantitative spectrographic analyses

| Sample No. | Ti (ppm) | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Big Beaver Creek drainage--Continued** | | | | | | | | | | | | | | |
| 395 | 5,000 | <200 | 2,000 | 150 | 200 | <20 | 150 | 2,000 | <10 | 20 | 5 | 20 | <10 | 10 |
| 396 | 5,000 | <200 | 700 | 200 | 300 | <20 | 2 | 100 | 100 | <10 | 20 | <2 | <10 | <5 |
| 397 | 10,000 | <200 | 2,000 | 150 | 700 | 200 | 20 | 30 | <10 | 15 | 50 | <2 | <10 | 10 |
| **West side of Ross Lake** | | | | | | | | | | | | | | |
| 398 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 399 | 5,000 | <200 | 1,000 | 150 | 50 | <20 | 5 | 100 | <10 | <10 | 15 | <2 | <10 | <5 |
| 400 | 10,000 | <200 | 1,000 | 300 | 300 | <20 | 10 | 10 | <10 | 10 | 15 | <2 | <10 | 5 |
| 401 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 402 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 403 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 404 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 405 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 406 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 407 | 1,500 | <200 | 1,500 | 200 | 10 | <20 | 150 | 1,000 | <10 | <10 | <10 | <5 | <10 | 20 |
| 408 | 1,500 | <200 | 700 | 30 | 30 | <20 | >5,000 | 5,000 | <10 | 15 | <5 | <2 | <10 | 700 |
| 409 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 410 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 411 | 10,000 | <200 | 1,500 | 500 | 20 | <20 | <2 | 200 | 15 | <10 | 15 | <2 | <10 | 20 |
| 412 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Stetattle Creek drainage** | | | | | | | | | | | | | | |
| 413 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 414 | 10,000 | <200 | 2,000 | 150 | 1,000 | 300 | 30 | 50 | <10 | 15 | 70 | <2 | <10 | 15 |
| 415 | 3,000 | <200 | 300 | 100 | 150 | 20 | 10 | 10 | <10 | 30 | <10 | <5 | <10 | <5 |
| 416 | 3,000 | <200 | 300 | 100 | 150 | <20 | 10 | 5 | 10 | <10 | <10 | <5 | <10 | <5 |
| 417 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 418 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 419 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 420 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 421 | >10,000 | <200 | 3,000 | 300 | 1,000 | 30 | 30 | 20 | <10 | 30 | 70 | <2 | <10 | 20 |
| **Terror Creek drainage** | | | | | | | | | | | | | | |
| 422 | 5,000 | <200 | 200 | 150 | 150 | 50 | 5 | 50 | 15 | 10 | 10 | <5 | 10 | 5 |
| 423 | 5,000 | 200 | 1,000 | 300 | 100 | <20 | 15 | 20 | 10 | 30 | 10 | <5 | <10 | 5 |
| 424 | 5,000 | <200 | 1,000 | 200 | 100 | <20 | 15 | 50 | 15 | 15 | 10 | <5 | <10 | 5 |
| 425 | 2,000 | <200 | 150 | 50 | 150 | <20 | <5 | 50 | 10 | 50 | <10 | <5 | <10 | <5 |
| 426 | 5,000 | <200 | 300 | 100 | 200 | 20 | <5 | 10 | 10 | <10 | <10 | <5 | <10 | <5 |
| 427 | 2,000 | <200 | 700 | 20 | 100 | <20 | 5 | 5 | <10 | 10 | <10 | <5 | <10 | <5 |
| 428 | 7,000 | 500 | 1,000 | 200 | 200 | 20 | 15 | 50 | 15 | 20 | 10 | <5 | 15 | 5 |
| 429 | 3,000 | 200 | 700 | 70 | 100 | <20 | 10 | 100 | <10 | <10 | 15 | <2 | <10 | 10 |
| 430 | 2,000 | <200 | 200 | 20 | 100 | 150 | 5 | 50 | <10 | <10 | <10 | <5 | <10 | <5 |
| 431 | 5,000 | <200 | 100 | 100 | 150 | <20 | 10 | 10 | <10 | <10 | <10 | <5 | <10 | 5 |
| 432 | 5,000 | <200 | 700 | 70 | 200 | 70 | 50 | 100 | 15 | 10 | 15 | <5 | <10 | 15 |
| 433 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 434 | >10,000 | <200 | 1,500 | 150 | 1,000 | 1,000 | 10 | 30 | 10 | 30 | 70 | <2 | <10 | 15 |
| **Goodell Creek drainage** | | | | | | | | | | | | | | |
| 435 | 2,000 | 200 | 1,500 | 300 | 100 | 20 | 10 | 100 | 15 | 50 | 10 | 5 | 15 | 5 |
| 436 | 3,000 | 500 | 1,500 | 200 | 50 | <20 | 5 | 100 | 700 | >2,000 | 50 | <5 | 15 | 20 |
| 437 | 2,000 | 300 | 2,000 | 150 | 50 | <20 | 5 | 150 | 100 | 70 | <10 | 100 | 20 | 15 |
| 438 | 3,000 | <200 | 3,000 | 150 | 150 | <20 | 10 | 300 | 150 | 300 | 10 | <5 | 70 | 50 |
| 439 | 3,000 | 200 | 1,000 | 200 | 100 | <20 | 5 | 2,000 | 50 | <10 | <10 | <5 | <10 | <5 |
| 440 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 441 | 5,000 | <200 | 300 | 200 | 100 | <20 | <5 | 50 | 10 | <10 | 10 | <5 | <10 | 5 |
| 442 | 2,000 | <200 | 150 | 150 | 100 | <20 | 5 | 20 | 10 | <10 | 50 | <5 | <10 | <5 |
| 443 | 5,000 | <200 | 300 | 200 | 150 | 30 | 10 | 70 | <10 | <10 | 20 | <5 | <10 | 10 |
| 444 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 445 | 5,000 | <200 | 1,500 | 200 | 150 | <20 | 20 | 70 | 10 | <10 | 20 | 30 | <10 | 15 |
| 446 | 5,000 | <200 | 1,500 | 500 | 150 | <20 | 10 | 70 | <10 | <10 | 15 | <5 | <10 | 10 |
| 447 | 3,000 | <200 | 500 | 200 | 100 | 30 | 10 | 70 | 10 | 10 | 10 | <5 | <10 | 7 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Goodell Creek drainage--Continued | | | | | | | | |
| 448 | 3,000 | <200 | 300 | 150 | 150 | <20 | 10 | 100 | 15 | <10 | <10 | <5 | <10 | <5 |
| 449 | 3,000 | <200 | 200 | 50 | 200 | 30 | 5 | 20 | 10 | 20 | 50 | 5 | <10 | <5 |
| 450 | 2,000 | <200 | 300 | 70 | 200 | 20 | 20 | 20 | 10 | 10 | 30 | 7 | <10 | 5 |
| 451 | >10,000 | <200 | 3,000 | 1,000 | 1,000 | 1,000 | <2 | 100 | 10 | 50 | 100 | <2 | <10 | 10 |
| 452 | ------ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 453 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 454 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 455 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 456 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 457 | 5,000 | <200 | 300 | 100 | 200 | <20 | <5 | 10 | 15 | <10 | 30 | <5 | <10 | <5 |
| 458 | 5,000 | <200 | 300 | 100 | 200 | <20 | 5 | 10 | 15 | <10 | 10 | <5 | <10 | 5 |
| 459 | 5,000 | <200 | 1,000 | 200 | 150 | <20 | <5 | 50 | <10 | <10 | 20 | <5 | <10 | <5 |
| 460 | 3,000 | 300 | 300 | 70 | 200 | <20 | 7 | 70 | 150 | 10 | 10 | <5 | <10 | 7 |
| 461 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 462 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 463 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 464 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 465 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 466 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 467 | >10,000 | <200 | 1,000 | 200 | 500 | 150 | 50 | 70 | 10 | 10 | 30 | <2 | <10 | 5 |
| 468 | 5,000 | <200 | 700 | 200 | 100 | <20 | 70 | 100 | <10 | <10 | 15 | 15 | <10 | 30 |
| 469 | >10,000 | <200 | 1,500 | 100 | >1,000 | 700 | 50 | 30 | 30 | 50 | 50 | 30 | <10 | 20 |
| | | | | | | East Fork Bacon Creek drainage | | | | | | | | |
| 470 | 5,000 | <200 | 300 | 150 | 70 | <20 | 2 | 100 | <10 | 20 | 10 | <2 | <10 | <5 |
| 471 | 7,000 | <200 | 700 | 200 | 200 | <20 | 20 | 200 | 10 | 10 | 20 | <2 | <10 | 100 |
| 472 | 3,000 | <200 | 500 | 150 | 70 | <20 | 3 | 30 | 70 | <10 | 15 | 30 | 10 | <5 |
| 473 | 3,000 | <200 | 700 | 70 | 150 | <20 | 2 | 70 | 70 | <10 | 10 | 30 | 70 | <5 |
| 474 | 3,000 | <200 | 200 | 70 | 70 | <20 | 5 | 50 | 20 | <10 | 20 | 70 | 30 | <5 |
| 475 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 476 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 477 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 478 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 479 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 480 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 481 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 482 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 483 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 484 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 485 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 486 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 487 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 488 | 700 | <200 | 150 | 20 | 70 | 20 | 2 | 70 | 100 | <10 | 15 | 50 | <10 | <5 |
| 489 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 490 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 491 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 492 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 493 | 500 | <200 | 100 | 70 | 10 | <20 | 20 | 700 | 20 | 20 | <10 | 5 | <10 | 15 |
| 494 | 5,000 | <200 | 700 | 300 | 150 | <20 | 300 | 70 | 10 | 20 | 15 | <5 | <10 | 70 |
| 495 | 7,000 | <200 | 5,000 | 300 | 150 | 20 | 5 | 30 | 300 | <10 | 50 | 15 | 20 | 5 |
| 496 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 497 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 498 | 7,000 | <200 | 700 | 150 | 700 | 200 | 15 | 70 | 10 | 10 | 70 | <2 | <10 | 5 |
| 499 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 500 | >10,000 | <200 | 1,500 | 2,000 | 1,000 | >1,000 | 5 | 20 | <10 | 70 | 100 | <2 | <10 | 15 |
| | | | | | | Bacon Creek drainage | | | | | | | | |
| 501 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 502 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 503 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Bacon Creek drainage--Continued | | | | | | | | |
| 504 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 505 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 506 | >10,000 | <200 | 2,000 | 2,000 | 1,000 | 20 | 10 | 50 | 15 | 150 | 70 | <2 | <10 | 70 |
| 507 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Bacon Peak area | | | | | | | | |
| 508 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 509 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 510 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 511 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 512 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 513 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 514 | 5,000 | <200 | 300 | 70 | 300 | 20 | 15 | 70 | 10 | <10 | 20 | <5 | <10 | 10 |
| 515 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 516 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 517 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 518 | 5,000 | <200 | 700 | 200 | 150 | 50 | 30 | 50 | 10 | 50 | 20 | <5 | <10 | 10 |
| 519 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 520 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 521 | 3,000 | 1,500 | 500 | 150 | 200 | 20 | 20 | 70 | 20 | 10 | 15 | <5 | <10 | 15 |
| 522 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 523 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 524 | 5,000 | 300 | 700 | 300 | 150 | 20 | 50 | <10 | 70 | 70 | 20 | <5 | <10 | 15 |
| 525 | >10,000 | <200 | 1,000 | 300 | 70 | 150 | 70 | 200 | <10 | 10 | 30 | <2 | <10 | 7 |
| 526 | >10,000 | <200 | 1,000 | 300 | 50 | 150 | 50 | 300 | <10 | 10 | 30 | <2 | <10 | 10 |
| 527 | 5,000 | <200 | 700 | 30 | 150 | 100 | 20 | 200 | 10 | 50 | 20 | <2 | <10 | <5 |
| 528 | 5,000 | <200 | 200 | 50 | 150 | <20 | 20 | 150 | 50 | 20 | 15 | <2 | <10 | <5 |
| 529 | 7,000 | <200 | 200 | 50 | 150 | <20 | 30 | 100 | <10 | 30 | 20 | <2 | <10 | <5 |
| 530 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 531 | 5,000 | <200 | 200 | 30 | 300 | <20 | 30 | 70 | <10 | <10 | 10 | <2 | <10 | <5 |
| | | | | | | Diobsud Creek drainage | | | | | | | | |
| 532 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 533 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 534 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 535 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 536 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 537 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Noisy Creek drainage | | | | | | | | |
| 538 | 7,000 | <200 | 700 | 150 | 500 | <20 | 5 | 5 | 20 | <10 | 15 | <2 | <10 | <5 |
| 539 | 7,000 | <200 | 500 | 150 | 300 | <20 | 15 | 50 | <10 | <10 | 15 | <2 | <10 | <5 |
| 540 | >10,000 | <200 | 3,000 | 1,000 | 200 | <20 | 20 | 100 | 20 | 1,000 | 150 | <5 | <10 | 15 |
| 541 | 7,000 | <200 | 1,000 | 150 | 200 | 30 | 100 | 70 | 30 | 200 | 50 | <5 | <10 | 30 |
| 542 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 543 | 10,000 | <200 | 500 | 700 | 100 | <20 | 100 | 100 | <10 | 50 | 30 | <5 | <10 | 30 |
| 544 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 545 | 10,000 | <200 | 2,000 | 500 | 70 | <20 | 150 | 100 | <10 | 70 | 20 | <5 | <10 | 20 |
| 546 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 547 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 548 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 549 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 550 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 551 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Hidden Creek drainage | | | | | | | | |
| 552 | 5,000 | <200 | 1,000 | 150 | 100 | 20 | 150 | 100 | 20 | 150 | 20 | <5 | <10 | 30 |
| 553 | >10,000 | <200 | 1,000 | 500 | 200 | <20 | 70 | 70 | 10 | 50 | 70 | <5 | <10 | 50 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Blum Creek drainage | | | | | | | | |
| 554 | 1,000 | <200 | 300 | <10 | 30 | <20 | 7 | 100 | 20 | 10 | 15 | <5 | <10 | <5 |
| 555 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 556 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 557 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 558 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 559 | 3,000 | <200 | 300 | 70 | 200 | <20 | 10 | 30 | 20 | <10 | 15 | <5 | <10 | 7 |
| 560 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 561 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 562 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Scramble Creek drainage | | | | | | | | |
| 563 | 3,000 | <200 | 300 | 100 | 200 | <20 | 7 | 150 | 15 | <10 | 20 | 7 | <10 | 30 |
| 564 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 565 | 3,000 | <200 | 700 | 150 | 300 | 20 | 5 | 10 | 20 | <10 | 20 | <5 | <10 | 10 |
| 566 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 567 | 3,000 | <200 | 700 | 150 | 150 | 20 | 20 | 7 | 20 | <10 | 30 | 7 | <10 | 5 |
| 568 | 3,000 | <200 | 700 | 150 | 200 | 20 | 10 | 7 | 30 | <10 | 15 | <5 | <10 | 10 |
| 569 | 1,500 | <200 | 1,500 | 20 | 30 | 20 | 5 | 20 | 70 | <10 | 10 | <5 | <10 | <5 |
| | | | | | | Lonesome Creek drainage | | | | | | | | |
| 570 | 3,000 | <200 | 1,500 | 150 | 70 | 20 | 70 | 30 | 15 | 70 | 15 | 15 | <10 | 15 |
| 571 | 300 | <200 | 100 | 10 | 70 | 30 | 2 | 15 | 15 | <10 | 15 | 15 | <10 | <5 |
| 572 | 300 | <200 | 100 | 15 | 70 | <20 | <2 | 70 | 10 | <10 | 15 | 30 | <10 | <5 |
| 573 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 574 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 575 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 576 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 577 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 578 | >10,000 | <200 | 1,000 | 200 | >1,000 | >1,000 | 5 | 70 | 50 | 50 | >200 | 20 | <10 | 50 |
| 579 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 580 | 500 | <200 | 200 | <10 | 50 | 20 | <5 | 10 | 10 | <10 | 30 | 5 | <10 | <5 |
| 581 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 582 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 583 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 584 | 1,500 | <200 | 200 | 20 | 50 | 50 | 5 | 10 | 10 | <10 | 20 | <5 | <10 | <5 |
| 585 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Bald Eagle Creek drainage | | | | | | | | |
| 586 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 587 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 588 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 589 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 590 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 591 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 592 | >10,000 | <200 | 2,000 | 700 | >1,000 | 100 | <2 | 70 | 50 | 30 | 100 | <5 | <10 | 30 |
| 593 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 594 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 595 | 3,000 | <200 | 300 | 100 | 100 | 20 | 5 | 10 | 70 | 20 | 10 | <5 | <10 | <5 |
| 596 | 3,000 | 300 | 1,500 | 150 | 100 | <20 | 5 | 100 | 200 | 10 | 10 | <5 | <10 | 10 |
| 597 | >10,000 | <200 | 3,000 | 1,000 | >1,000 | 1,000 | <2 | 70 | 20 | 100 | 100 | <2 | <10 | 20 |
| 598 | >10,000 | <200 | 2,000 | 700 | >1,000 | 500 | 2 | 30 | <10 | 50 | 100 | <5 | <10 | 30 |
| | | | | | | Picket Creek drainage | | | | | | | | |
| 599 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 600 | 3,000 | 1,000 | >5,000 | 50 | 150 | <20 | 5 | 200 | 1,500 | 300 | <10 | <5 | <10 | <5 |
| 601 | 2,000 | 500 | 1,000 | 20 | 100 | <20 | 5 | 700 | 700 | 300 | <10 | <5 | 20 | <5 |
| 602 | 50 | 700 | >5,000 | <10 | <10 | <20 | <5 | >5,000 | >20,000 | 20 | <10 | <5 | <10 | 10 |
| 603 | 150 | 10,000 | 500 | <10 | <20 | <20 | <2 | --- | 20,000 | 30 | <10 | <5 | <10 | 50 |

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Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Picket Creek drainage--Continued | | | | | | | | |
| 604 | 3,000 | 700 | >5,000 | 70 | 150 | <20 | 5 | 500 | 1,000 | 150 | <10 | <5 | 10 | 20 |
| 605 | 2,000 | 1,000 | 5,000 | 30 | 100 | 20 | 2 | --- | 500 | 200 | <10 | <5 | 30 | <5 |
| 606 | 700 | 1,000 | 200 | 10 | 70 | <20 | <2 | --- | 700 | 50 | 20 | <5 | 30 | 5 |
| 607 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 608 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 609 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 610 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 611 | 1,500 | 1,000 | 300 | 20 | 150 | <20 | 5 | 150 | 500 | 20 | <2 | 15 | <10 | <5 |
| 612 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 613 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 614 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 615 | 10,000 | <200 | 5,000 | 2,000 | 1,000 | 700 | <2 | 150 | 30 | 100 | 50 | <2 | <10 | 50 |
| | | | | | | Pass Creek drainage (drains into Baker River) | | | | | | | | |
| 616 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 617 | 2,000 | <200 | 700 | 10 | 200 | <20 | 7 | 50 | 10 | <10 | 10 | <5 | <10 | <5 |
| 618 | 3,000 | <200 | 700 | 30 | 300 | 20 | 2 | 10 | 20 | <10 | 20 | <5 | <10 | 10 |
| 619 | 5,000 | <200 | 700 | 70 | 300 | 20 | 30 | 30 | 30 | <10 | 20 | <5 | <10 | 20 |
| 620 | 2,000 | <200 | 1,500 | 30 | 150 | 30 | 3 | 50 | 70 | <10 | 30 | 5 | 20 | 30 |
| 621 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 622 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 623 | >10,000 | <200 | 1,500 | 1,500 | >1,000 | 20 | 20 | 50 | 10 | 70 | 30 | <2 | <10 | 30 |
| | | | | | | Crystal Creek drainage | | | | | | | | |
| 624 | 3,000 | <200 | 500 | 50 | 300 | 30 | <5 | 100 | <10 | <10 | 30 | <5 | <10 | 5 |
| 625 | 3,000 | <200 | 300 | 30 | 300 | 30 | <2 | 70 | 200 | <10 | 30 | 7 | 15 | 7 |
| 626 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 627 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 628 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 629 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 630 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 631 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 632 | >10,000 | <200 | 2,000 | 500 | >1,000 | 300 | 70 | 100 | 30 | 70 | 150 | <5 | <10 | 50 |
| 633 | 10,000 | <200 | 1,500 | 300 | 700 | <20 | 70 | 70 | 200 | 70 | 70 | <5 | <10 | 30 |
| 634 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 635 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 636 | >10,000 | <200 | 1,500 | 300 | >1,000 | 30 | 30 | 70 | 70 | 50 | 50 | <5 | <10 | 70 |
| | | | | | | Sulphide Creek drainage | | | | | | | | |
| 637 | 1,500 | <200 | 500 | 70 | 30 | <20 | 30 | 70 | <10 | 10 | 10 | <5 | <10 | 7 |
| 638 | 7,000 | <200 | 100 | 300 | 100 | <20 | 70 | 150 | 70 | 200 | 30 | <5 | <10 | 15 |
| 639 | 5,000 | <200 | 1,500 | 200 | 70 | 20 | 70 | 150 | 300 | 50 | 20 | <5 | <10 | 10 |
| 640 | 3,000 | 200 | 1,000 | 70 | 150 | 30 | 5 | 500 | 50 | 10 | 15 | <5 | 50 | 7 |
| 641 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 642 | 3,000 | <200 | 1,000 | 70 | 300 | <20 | 15 | 100 | 50 | <10 | 10 | <5 | 15 | 7 |
| 643 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 644 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 645 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 646 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 647 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 648 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 649 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 650 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 651 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 652 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 653 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 654 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 655 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 656 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sulphide Creek drainage--Continued | | | | | | | | |
| 657 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 658 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 659 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 660 | 7,000 | <200 | 1,500 | 200 | 70 | <20 | 70 | 300 | 10 | 30 | 30 | <5 | <10 | 30 |
| 661 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 662 | 3,000 | <200 | 500 | 200 | 100 | 20 | 50 | 20 | <10 | 70 | 20 | <5 | <10 | 10 |
| 663 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 664 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 665 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 666 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 667 | 10,000 | <200 | 1,500 | 200 | 70 | <20 | 70 | 70 | <10 | <10 | 30 | <5 | <10 | 30 |
| 668 | 7,000 | <200 | 1,000 | 150 | 50 | <20 | 70 | 70 | 300 | <10 | 20 | <5 | <10 | 30 |
| 669 | 7,000 | <200 | 1,000 | 200 | 50 | <20 | 70 | 70 | 300 | <10 | 30 | <5 | <10 | 30 |
| 670 | 3,000 | <200 | 500 | 150 | 70 | <20 | 70 | 70 | 30 | 70 | 15 | <5 | <10 | 10 |
| 671 | 3,000 | <200 | 500 | 150 | 100 | <20 | 50 | 70 | 30 | 100 | 15 | <5 | <10 | 7 |
| 672 | 150 | <200 | 30 | 20 | <10 | <20 | <2 | 7 | <10 | <10 | 5 | <5 | <10 | <5 |
| 673 | 3,000 | <200 | 500 | 100 | 150 | <20 | 15 | 30 | 15 | 15 | 15 | 5 | <10 | 7 |
| 674 | 7,000 | <200 | 700 | 200 | 70 | <20 | 100 | 70 | <10 | 20 | 30 | <5 | <10 | 30 |
| 675 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 676 | 10,000 | 500 | 2,000 | 200 | 50 | <20 | 70 | 100 | 700 | 10 | 30 | <5 | 70 | 20 |
| 677 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 678 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 679 | >10,000 | <200 | 3,000 | 300 | 50 | <20 | 70 | 150 | 300 | 15 | 50 | <5 | 70 | 30 |
| 680 | >10,000 | 500 | 2,000 | 300 | 70 | <20 | 70 | 300 | 30 | <10 | 70 | <5 | 50 | 50 |
| 681 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 682 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 683 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 684 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 685 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 686 | 7,000 | <200 | 2,000 | 500 | 150 | 20 | 300 | 300 | 70 | 100 | 50 | <2 | <10 | 100 |
| 687 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 688 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 689 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 690 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 691 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 692 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 693 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 694 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Baker River drainage | | | | | | | | |
| 695 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 696 | 7,000 | <200 | 1,000 | 1,500 | >1,000 | 150 | 20 | 50 | 15 | 70 | 30 | <2 | <10 | 20 |
| 697 | 1,500 | <200 | 150 | <10 | 300 | <20 | <2 | 15 | 15 | <10 | 15 | <5 | <10 | <5 |
| 698 | 7,000 | <200 | 1,000 | 2,000 | >1,000 | 70 | 20 | 30 | <10 | 100 | 30 | <2 | <10 | 20 |
| 699 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 700 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 701 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 702 | 2,000 | <200 | 500 | 100 | 150 | 20 | 5 | 70 | 15 | <10 | 15 | <5 | <10 | <5 |
| 703 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 704 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 705 | >10,000 | <200 | 1,500 | 1,000 | <1,000 | 500 | 20 | 30 | <10 | 70 | 50 | <2 | <10 | 30 |
| | | | | | | Shuksan Creek drainage | | | | | | | | |
| 706 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 707 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 708 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 709 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 710 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Shuksan Creek drainage--Continued | | | | | | | | |
| 711 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 712 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 713 | 7,000 | <200 | 700 | 150 | 200 | <20 | 15 | 150 | 30 | <10 | 30 | <5 | <10 | 20 |
| 714 | 10,000 | <200 | 1,500 | 200 | 70 | <20 | 70 | 300 | 50 | 150 | 50 | <5 | <10 | 50 |
| 715 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 716 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 717 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 718 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 719 | 5,000 | <200 | 700 | 300 | 100 | <20 | 50 | 70 | <10 | 100 | 30 | 10 | <10 | 15 |
| 720 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 721 | 5,000 | <200 | 700 | 150 | 100 | <20 | 30 | 70 | <10 | 15 | 20 | 7 | <10 | 10 |
| 722 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 723 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Depot Creek drainage | | | | | | | | |
| 724 | 5,000 | <200 | 500 | 150 | 100 | <20 | 5 | 50 | <10 | <10 | 15 | <2 | <10 | <5 |
| 725 | 5,000 | <200 | 1,000 | 70 | 200 | <20 | 2 | 3 | 10 | <10 | 10 | <2 | <10 | <5 |
| 726 | 10,000 | <200 | 200 | 150 | 200 | 50 | <2 | 50 | 40 | 150 | 10 | <2 | <10 | <5 |
| 727 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 728 | 5,000 | <200 | 700 | 200 | 100 | <20 | <5 | 10 | <10 | 15 | 15 | <5 | <10 | <5 |
| 729 | 5,000 | <200 | 500 | 150 | 150 | <20 | 5 | 20 | 10 | 20 | 10 | 20 | <10 | <5 |
| 730 | 5,000 | <200 | 200 | 200 | 150 | <20 | 20 | 30 | <10 | <10 | 30 | <5 | <10 | 10 |
| 731 | 1,500 | <200 | 500 | 50 | 150 | 20 | <5 | 100 | 100 | 300 | 15 | <5 | <10 | <5 |
| 732 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 733 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 734 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 735 | >10,000 | <200 | 2,000 | 700 | >1,000 | 50 | 50 | 50 | <10 | 50 | 20 | 15 | <10 | 70 |
| 736 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 737 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 738 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 739 | ----- | --- | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 740 | 5,000 | <200 | 700 | 200 | 70 | <20 | 20 | 150 | <10 | <10 | 20 | 20 | <10 | 10 |
| 741 | 3,000 | <200 | 500 | 100 | 150 | <20 | 30 | 50 | <10 | <10 | 10 | <5 | <10 | 10 |
| 742 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 743 | 3,000 | <200 | 150 | 100 | 150 | 20 | 15 | 15 | <10 | 200 | 15 | <5 | <10 | <5 |
| 744 | ----- | --- | ------ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 745 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 746 | 2,000 | <200 | 150 | 70 | 200 | <20 | 5 | 70 | 70 | 30 | 5 | <5 | <10 | <5 |
| 747 | 3,000 | <200 | 700 | 100 | 30 | <20 | 20 | 15 | 10 | <10 | 15 | <5 | <10 | 20 |
| 748 | 1,500 | 300 | 700 | 30 | 200 | <20 | 15 | 70 | 300 | 200 | <5 | <5 | <10 | 30 |
| 749 | 5,000 | <200 | 700 | 70 | 200 | <20 | 30 | 70 | 100 | <10 | 20 | <5 | <10 | 7 |
| 750 | 3,000 | <200 | 700 | 100 | 150 | <20 | 50 | 70 | 10 | <10 | 10 | <5 | <10 | 10 |
| 751 | 2,000 | <200 | 200 | 50 | 100 | <20 | 15 | 20 | 15 | 15 | 7 | <5 | <10 | 10 |
| | | | | | | Bear Creek drainage | | | | | | | | |
| 752 | >10,000 | <200 | 700 | 1,500 | >1,000 | 100 | 10 | 50 | <10 | 70 | 70 | <5 | <10 | 30 |
| 753 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 754 | 3,000 | <200 | 500 | 70 | 300 | <20 | 7 | 30 | <10 | <10 | 20 | <5 | <10 | 7 |
| 755 | 3,000 | <200 | 200 | 150 | 100 | <20 | 7 | 70 | 30 | 10 | 15 | <5 | <10 | <5 |
| 756 | 2,000 | <200 | 150 | 70 | 70 | <20 | 3 | 70 | 200 | 20 | 10 | 7 | <10 | <5 |
| 757 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 758 | ----- | --- | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 759 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 760 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 761 | 2,000 | <200 | 700 | 100 | 150 | <20 | <5 | 20 | 30 | 150 | 20 | <5 | 30 | <5 |
| 762 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 763 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 764 | 2,000 | <200 | 300 | 100 | 150 | <20 | 5 | 300 | 20 | <10 | 30 | 700 | 10 | 10 |
| 765 | 7,000 | <200 | 1,000 | 300 | 200 | <20 | 50 | 100 | <10 | <10 | 30 | <5 | <10 | 10 |
| 766 | 7,000 | <200 | 1,500 | 300 | 200 | <20 | 30 | 100 | <10 | <10 | 30 | <5 | <10 | 10 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Bear Creek drainage--Continued | | | | | | | | |
| 767 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 768 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 769 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 770 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 771 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 772 | 3,000 | <200 | 150 | 150 | 300 | 20 | <2 | 70 | 30 | 1,500 | 15 | 15 | 15 | <5 |
| 773 | 3,000 | <200 | 150 | 50 | 150 | <20 | 2 | 100 | <10 | <10 | 7 | <5 | 15 | <5 |
| 774 | 3,000 | <200 | 300 | 150 | 200 | <20 | 10 | 300 | <10 | 15 | 15 | 20 | <10 | 50 |
| 775 | 150 | <200 | 150 | 200 | <10 | <20 | <2 | 150 | 10 | <10 | 7 | 150 | <10 | <5 |
| 776 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 777 | 3,000 | <200 | 150 | 70 | 300 | <20 | <2 | 150 | 20 | 700 | 10 | 20 | 30 | <5 |
| 778 | 3,000 | <200 | 1,500 | 150 | 300 | <20 | <2 | 300 | 200 | 70 | <5 | 100 | 30 | <5 |
| 779 | 3,000 | <200 | 1,500 | 200 | 300 | <20 | 2 | 50 | <10 | >2,000 | 15 | <5 | 50 | <5 |
| 780 | 3,000 | <200 | 300 | 150 | 200 | <20 | 2 | 100 | <10 | 100 | 10 | 150 | 50 | <5 |
| 781 | 3,000 | <200 | 300 | 100 | 150 | <20 | <2 | 300 | 30 | 20 | 15 | 100 | 20 | <5 |
| 782 | 3,000 | <200 | 700 | 150 | 100 | <20 | 7 | 150 | 100 | 30 | 15 | 30 | 10 | <5 |
| 783 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 784 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 785 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 786 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 787 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 788 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Indian Creek drainage | | | | | | | | |
| 789 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 790 | >10,000 | <200 | 700 | 700 | >1,000 | 200 | 30 | 70 | <10 | 100 | 70 | <5 | <10 | 50 |
| 791 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 792 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 793 | >10,000 | <200 | 1,500 | 1,000 | >1,000 | 200 | 5 | 70 | 30 | 100 | 150 | <5 | <10 | 50 |
| 794 | 3,000 | <200 | 700 | 200 | 200 | <20 | 3 | 500 | 300 | 200 | 30 | 10 | 30 | <5 |
| 795 | 3,000 | <200 | 700 | 500 | 100 | <20 | 10 | 500 | 70 | 100 | 20 | 7 | <10 | 5 |
| 796 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 797 | 3,000 | <200 | 150 | 150 | 100 | <20 | 2 | 70 | 15 | 20 | 15 | 70 | 10 | 7 |
| 798 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 799 | 1,500 | <200 | 150 | 30 | 100 | 30 | 5 | 30 | 50 | 300 | 15 | 50 | <10 | 5 |
| 800 | 1,000 | <200 | 100 | 30 | 70 | <20 | 5 | 15 | <10 | 15 | 10 | 200 | <10 | <5 |
| 801 | 1,500 | <200 | 200 | 30 | 150 | 30 | 2 | 150 | <10 | 50 | 15 | 70 | 15 | 5 |
| 802 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 803 | 2,000 | <200 | 300 | 70 | 150 | <20 | 5 | 70 | 30 | 10 | 20 | 20 | <10 | 5 |
| 804 | 1,500 | <200 | 300 | 100 | 100 | <20 | 2 | 20 | 10 | 150 | 15 | <5 | <10 | <5 |
| 805 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 806 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 807 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 808 | >10,000 | <200 | 1,000 | 1,000 | >1,000 | 200 | 5 | 70 | 70 | 70 | 150 | 70 | <10 | 50 |
| 809 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 810 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 811 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 812 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 813 | 5,000 | <200 | 700 | 150 | 200 | <20 | 20 | 500 | 100 | >2,000 | 30 | 30 | 20 | 10 |
| 814 | 1,000 | <200 | 150 | 50 | 50 | <20 | 2 | 500 | 70 | 1,000 | <5 | <5 | <10 | <5 |
| 815 | 1,500 | <200 | 200 | 100 | 150 | <20 | 5 | 50 | <10 | <10 | 10 | <5 | <10 | <5 |
| 816 | 3,000 | <200 | 300 | 50 | 70 | <20 | 15 | 200 | 50 | 1,500 | 10 | 70 | <10 | 15 |
| 817 | 7,000 | <200 | 1,500 | 200 | 150 | <20 | 50 | 100 | 20 | 200 | 20 | <5 | <10 | 20 |
| 818 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 819 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Brush Creek drainage | | | | | | | | |
| 820 | 3,000 | <200 | 1,500 | 150 | 100 | 20 | 15 | 30 | 50 | <10 | 15 | 15 | <10 | 30 |
| 821 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 822 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 823 | 10,000 | <200 | 1,000 | 700 | >1,000 | 70 | 10 | 70 | 70 | 100 | 30 | <5 | <10 | 50 |
| 824 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 825 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 826 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 827 | ----- | --- | --- | --- | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 828 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 829 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 830 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 831 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 832 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 833 | >10,000 | <200 | 1,500 | 500 | >1,000 | 150 | 20 | 70 | 30 | 100 | 70 | <5 | <10 | 30 |
| 834 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 835 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 836 | >10,000 | <200 | 1,500 | 700 | >1,000 | 70 | 15 | 70 | 15 | 70 | 70 | <5 | <10 | 50 |
| | | | | | | Easy Creek | | | | | | | | |
| 837 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 838 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 839 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 840 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 841 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 842 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 843 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 844 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 845 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 846 | >10,000 | <200 | 1,500 | 300 | >1,000 | 150 | 50 | 70 | 70 | 70 | 100 | 70 | <10 | 70 |
| | | | | | | Easy Ridge | | | | | | | | |
| 847 | 5,000 | <200 | 100 | 150 | 200 | 20 | 10 | 150 | <10 | 10 | 15 | 20 | <10 | 10 |
| 848 | 2,000 | <200 | 70 | 50 | 150 | 20 | <5 | 50 | 30 | 50 | 10 | 70 | <10 | <5 |
| 849 | 2,000 | <200 | 200 | 50 | 200 | 30 | 3 | 70 | 20 | <10 | 15 | 7 | <10 | 5 |
| 850 | 1,000 | <200 | 100 | 20 | 150 | 30 | 3 | 70 | 20 | <10 | 15 | <5 | <10 | <5 |
| 851 | 2,000 | <200 | 150 | 30 | 100 | 30 | 5 | 50 | 30 | <10 | 7 | <5 | <10 | 5 |
| 852 | 700 | 300 | 200 | 30 | 50 | 30 | 7 | 1,500 | <10 | 70 | 15 | 30 | <10 | 30 |
| 853 | 1,000 | <200 | 150 | 30 | 150 | 30 | 3 | 70 | 20 | 20 | 10 | 300 | <10 | 7 |
| 854 | 5,000 | 200 | 700 | 150 | 150 | 20 | <5 | 300 | 200 | 10 | 20 | <5 | <10 | 7 |
| 855 | 2,000 | <200 | 300 | 30 | 300 | 30 | 7 | 70 | 50 | 30 | 20 | <5 | <10 | <5 |
| 856 | 3,000 | <200 | 200 | 50 | 150 | <20 | 20 | 1,500 | 20 | 30 | 15 | 70 | <10 | 50 |
| 857 | 3,000 | <200 | 500 | 100 | 100 | 50 | 30 | 1,500 | <10 | 20 | 20 | 70 | <10 | 30 |
| 858 | 3,000 | <200 | 300 | 100 | 150 | <20 | 50 | 3,000 | 20 | 50 | 15 | 70 | <10 | 150 |
| 859 | 5,000 | <200 | 500 | 100 | 200 | <20 | 20 | 500 | 15 | <10 | 15 | 30 | <10 | 30 |
| 860 | 2,000 | <200 | 300 | 30 | 300 | 30 | 5 | 70 | 20 | <10 | 15 | 7 | <10 | <5 |
| | | | | | | Little Fork of the Chilliwack River drainage | | | | | | | | |
| 861 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 862 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 863 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 864 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 865 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- |
| 866 | 2,000 | <200 | 700 | 70 | 100 | <20 | 7 | 150 | <10 | <10 | 15 | 150 | <10 | 10 |
| 867 | 2,000 | <200 | 500 | 70 | 200 | <20 | 5 | 70 | <10 | <10 | 10 | 5 | <10 | 5 |
| 868 | 3,000 | <200 | 500 | 150 | 200 | <20 | 7 | 150 | 10 | <10 | 15 | 20 | <10 | 7 |
| 869 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 870 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 871 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 872 | 7,000 | <200 | 1,500 | 1,500 | >1,000 | 50 | 5 | 30 | <10 | 50 | 100 | <5 | <10 | 50 |
| 873 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 874 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Little Chilliwack River drainage | | | | | | | | |
| 875 | 10,000 | <200 | 5,000 | 300 | 100 | <20 | 2 | 100 | 70 | 15 | 30 | 10 | <10 | 30 |
| 876 | 2,000 | 1,000 | 3,000 | 15 | 200 | 30 | 2 | 15 | 200 | 200 | 15 | <5 | <10 | <5 |
| 877 | 2,000 | <200 | 300 | 30 | 200 | 20 | 2 | 200 | 30 | 10 | 50 | 30 | <10 | 15 |
| 878 | 2,000 | <200 | 700 | 30 | 200 | 30 | <2 | 20 | 50 | 10 | 20 | <5 | <10 | <5 |
| 879 | 2,000 | <200 | 500 | 30 | 150 | 30 | 3 | 7 | 15 | <10 | 20 | 15 | <10 | <5 |
| 880 | 8,000 | <200 | 700 | 30 | 200 | 30 | 5 | 30 | 30 | <10 | 20 | 10 | <10 | <5 |
| 881 | 3,000 | <200 | 700 | 70 | 150 | <20 | 5 | 30 | 30 | <10 | 20 | <5 | <10 | <5 |
| 882 | 5,000 | <200 | 1,500 | 150 | 150 | <20 | 2 | 30 | 15 | <10 | 20 | <5 | <10 | 7 |
| 883 | 2,000 | <200 | 700 | 50 | 150 | 20 | <5 | <5 | <10 | <10 | 15 | <5 | <10 | <5 |
| 884 | 5,000 | <200 | 700 | 200 | 10 | <20 | 20 | 30 | <10 | 20 | 7 | <5 | <10 | 7 |
| 885 | 5,000 | <200 | 700 | 300 | 15 | <20 | 20 | 10 | <10 | 20 | 10 | <5 | <10 | 15 |
| 886 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 887 | 5,000 | <200 | 700 | 150 | 70 | 20 | 70 | 50 | 30 | 20 | 15 | <5 | <10 | 20 |
| 888 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 889 | >10,000 | <200 | 1,000 | 1,000 | >1,000 | 20 | 5 | 50 | <10 | 50 | 30 | <5 | <10 | 70 |
| | | | | | | Chilliwack River drainage | | | | | | | | |
| 890 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 891 | >10,000 | <200 | 3,000 | 700 | >1,000 | 300 | 5 | 70 | <10 | 100 | 100 | <5 | <10 | 70 |
| 892 | ----- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- |
| 893 | 3,000 | <200 | 300 | 200 | 70 | <20 | 10 | 30 | 150 | 500 | 5 | <5 | <10 | 20 |
| 894 | 3,000 | 1,000 | 700 | 70 | 100 | <20 | 5 | 200 | 50 | 15 | 30 | <5 | <10 | 7 |
| 895 | 2,000 | <200 | 300 | 100 | 70 | <20 | 30 | 1,000 | 30 | 1,500 | 15 | <5 | <10 | 30 |
| 896 | 5,000 | <200 | 150 | 200 | 70 | <20 | 30 | 50 | <10 | 1,000 | 15 | <5 | <10 | 5 |
| 897 | 2,000 | <200 | 150 | 70 | 100 | <20 | 20 | 30 | 10 | >2,000 | 5 | 10 | <10 | <5 |
| 898 | 3,000 | <200 | 3,000 | 100 | 70 | <20 | 50 | 150 | 20 | 150 | 7 | <5 | <10 | 30 |
| 899 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 900 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 901 | 3,000 | <200 | -700 | 100 | 70 | <20 | 30 | 70 | 20 | <10 | 10 | <5 | <10 | 5 |
| 902 | 5,000 | <200 | 50 | 150 | 150 | <20 | 20 | 70 | 20 | 15 | 15 | <5 | <10 | 7 |
| 903 | 5,000 | <200 | 700 | 200 | 200 | <20 | 20 | 150 | 10 | <10 | 15 | 5 | <10 | 7 |
| 904 | 3,000 | <200 | 1,000 | 150 | 100 | <20 | 10 | 300 | 20 | <10 | 15 | 7 | <10 | 7 |
| 905 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 906 | 5,000 | 300 | 2,000 | 200 | 100 | <20 | 50 | 200 | 30 | <10 | 15 | <5 | <10 | 15 |
| 907 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 908 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 909 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 910 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 911 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 912 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 913 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 914 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 915 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 916 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 917 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 918 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 919 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 920 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 921 | >10,000 | <200 | 2,000 | 500 | >1,000 | 70 | 15 | 50 | 20 | 50 | 50 | <5 | <10 | 50 |
| 922 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 923 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 924 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 925 | 10,000 | <200 | 2,000 | 100 | 50 | <20 | 30 | 300 | 150 | 20 | 30 | <5 | <10 | 300 |
| 926 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 927 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 928 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 929 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 930 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 931 | 1,000 | <200 | 700 | ,15 | 200 | 20 | <5 | <5 | 10 | 15 | 15 | 5 | <10 | <10 |
| 932 | 700 | <200 | 1,000 | 15 | 70 | 30 | <5 | <5 | 10 | 10 | 30 | <5 | <10 | <10 |
| 933 | -----* | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 934 | >10,000 | <200 | 3,000 | 700 | >1,000 | 200 | 30 | 70 | 15 | 50 | 100 | <5 | <10 | 50 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Tl | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Chilliwack River drainage--Continued | | | | | | | | |
| 935 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 936 | 2,000 | <200 | 1,000 | 30 | 100 | <20 | 7 | <5 | <10 | 10 | 15 | <5 | <10 | 5 |
| 937 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 938 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 939 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 940 | 700 | <200 | 200 | 10 | 150 | <20 | <5 | 5 | 150 | <10 | 20 | 100 | <10 | <5 |
| 941 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 942 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 943 | 1,000 | <200 | 200 | 15 | 50 | <20 | <5 | <5 | 30 | 10 | 15 | 15 | <10 | <5 |
| 944 | 1,500 | <200 | 200 | 20 | 50 | 30 | <2 | 30 | 15 | <10 | 7 | <5 | <10 | <5 |
| 945 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 946 | >10,000 | <200 | 2,000 | 300 | >1,000 | 300 | 15 | 100 | 50 | 30 | 150 | <5 | <10 | 50 |
| 947 | 3,000 | <200 | 1,000 | 200 | 150 | 20 | 50 | 7 | 20 | <10 | 20 | 10 | <10 | 15 |
| 948 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 949 | 10,000 | <200 | 2,000 | 700 | 100 | 20 | 15 | 7 | 300 | <10 | 30 | <5 | <10 | 30 |
| 950 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 951 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 952 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 953 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 954 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 955 | 3,000 | <200 | 700 | 30 | 100 | <20 | 3 | 20 | 70 | <10 | 15 | <5 | 20 | 5 |
| 956 | 5,000 | <200 | 500 | 100 | 150 | <20 | 15 | 15 | 30 | <10 | 15 | <5 | <10 | 5 |
| 957 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 958 | 3,000 | <200 | 150 | 70 | 300 | 20 | 3 | 20 | 15 | <10 | 10 | 7 | <10 | 5 |
| 959 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Hannegan Pass-Ruth Mountain area | | | | | | | | |
| 960 | 5,000 | <200 | 300 | 150 | 150 | <20 | 5 | 20 | 30 | <10 | 15 | <5 | <10 | 5 |
| 961 | 5,000 | <200 | 500 | 200 | 100 | <20 | 10 | 30 | 50 | <10 | 20 | <5 | <10 | 10 |
| 962 | 7,000 | <200 | 300 | 200 | 150 | 20 | <5 | 7 | 30 | <10 | 30 | <5 | <10 | <5 |
| 963 | 5,000 | <200 | 500 | 300 | 150 | <20 | 10 | 30 | 20 | <10 | 20 | <5 | <10 | 7 |
| 964 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 965 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 966 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 967 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 968 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 969 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 970 | 7,000 | <200 | 500 | 200 | 150 | 20 | 20 | 7 | <10 | <10 | 20 | <5 | <10 | 5 |
| 971 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 972 | 7,000 | <200 | 700 | 150 | 500 | <20 | 50 | 15 | 20 | <10 | 20 | <5 | <10 | 15 |
| 973 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 974 | 3,000 | <200 | 700 | 30 | 500 | 30 | <2 | 30 | 30 | <10 | 30 | 5 | <10 | <5 |
| 975 | 3,000 | <200 | 700 | 30 | 300 | 20 | <2 | 50 | 70 | <10 | 30 | 7 | <10 | <5 |
| 976 | 3,000 | <200 | 700 | 30 | 200 | 20 | 15 | 300 | 30 | <10 | 15 | <5 | 15 | 5 |
| 977 | 5,000 | <200 | 300 | 50 | 200 | 20 | <2 | 70 | 30 | <10 | 15 | <5 | <10 | <5 |
| 978 | 7,000 | <200 | 700 | 70 | 200 | <20 | 30 | 70 | 20 | <10 | 15 | 7 | <10 | 10 |
| 979 | 7,000 | <200 | 700 | 150 | 100 | <20 | 70 | 70 | 30 | <10 | 20 | 5 | 10 | 15 |
| 980 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 981 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 982 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 983 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Ensawkwatch Creek drainage | | | | | | | | |
| 984 | >10,000 | <200 | 1,500 | 1,000 | >1,000 | 150 | 5 | 30 | <10 | 30 | 50 | <5 | <10 | 50 |
| 985 | 1,500 | <200 | 300 | 20 | 150 | <20 | 2 | 10 | 15 | <10 | 15 | <5 | <10 | <5 |
| 986 | >10,000 | <200 | 1,000 | 500 | >1,000 | 50 | 70 | 30 | <10 | 70 | 15 | <5 | <10 | 50 |
| 987 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 988 | >10,000 | <200 | 1,000 | 700 | >1,000 | 50 | 10 | 30 | 10 | 70 | 150 | <5 | <10 | 50 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Ensawkwatch Creek drainage--Continued | | | | | | | | |
| 989 | 1,500 | 200 | 150 | 30 | 300 | 20 | 2 | <2 | <10 | 15 | 20 | <5 | <10 | <5 |
| 990 | 1,500 | <200 | 70 | 30 | 150 | 30 | 2 | 15 | 50 | 15 | 15 | 7 | <10 | 7 |
| 991 | 1,500 | <200 | 200 | 20 | 150 | 20 | 3 | 20 | 20 | 10 | 15 | <5 | <10 | <5 |
| 992 | 1,500 | <200 | 300 | 20 | 100 | 20 | 3 | 15 | 30 | 10 | 7 | <5 | <10 | <5 |
| | | | | | | Silesia Creek drainage | | | | | | | | |
| 993 | 1,500 | 200 | 700 | 30 | 100 | <20 | 3 | 100 | 70 | 30 | 15 | <5 | <10 | 5 |
| 994 | >10,000 | <200 | 1,500 | 500 | >1,000 | 200 | 10 | 70 | 20 | 50 | 70 | <5 | <10 | 50 |
| 995 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 996 | 3,000 | <200 | 700 | 150 | 200 | <20 | 70 | 30 | <10 | <10 | 15 | <5 | <10 | 10 |
| 997 | 3,000 | <200 | 1,000 | 100 | 100 | <20 | 70 | 70 | <10 | <10 | 15 | <5 | <10 | 15 |
| 998 | 1,000 | <200 | 70 | 15 | 150 | <20 | 5 | 7 | <10 | 10 | 15 | 10 | <10 | <5 |
| 999 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1000 | 3,000 | <200 | 500 | 150 | 70 | <20 | 30 | 50 | 70 | 15 | 10 | <5 | <10 | 7 |
| 1001 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1002 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1003 | 5,000 | <200 | 700 | 100 | 50 | <20 | 15 | 50 | 10 | <10 | 10 | <5 | <10 | <5 |
| 1004 | 1,500 | <200 | 2,000 | 100 | 15 | <20 | 30 | 3 | 20 | 10 | 100 | <5 | <10 | 15 |
| 1005 | 3,000 | <200 | 1,000 | 150 | 150 | <20 | 50 | 30 | 20 | 15 | 30 | <5 | <10 | 15 |
| 1006 | 1,500 | 200 | 2,000 | 100 | 15 | <20 | 30 | 70 | 20 | 50 | 20 | <5 | <10 | 20 |
| 1007 | 2,000 | 200 | 2,000 | 100 | 70 | <20 | 15 | 20 | 20 | 30 | 20 | <5 | <10 | 10 |
| 1008 | 3,000 | 200 | 2,000 | 200 | 70 | <20 | 50 | 30 | 20 | 150 | 20 | <5 | <10 | 15 |
| 1009 | 3,000 | <200 | 700 | 200 | 100 | 20 | 50 | 70 | <10 | <10 | 15 | 5 | <10 | 15 |
| 1010 | 3,000 | 200 | 1,000 | 200 | 100 | <20 | 20 | 300 | 300 | 150 | 15 | <5 | <10 | 30 |
| 1011 | 3,000 | <200 | 1,500 | 100 | 150 | <20 | 20 | 10 | <10 | 200 | 15 | <5 | <10 | 15 |
| 1012 | 3,000 | <200 | 1,500 | 100 | 200 | <20 | 15 | 30 | <10 | 150 | 15 | <5 | <10 | 20 |
| 1013 | 3,000 | 3,000 | 1,500 | 100 | 300 | <20 | 30 | 30 | 30 | 100 | 15 | <5 | <10 | 30 |
| 1014 | 5,000 | 700 | >5,000 | 100 | 100 | <20 | 50 | 150 | 30 | 10 | 15 | <5 | <10 | 30 |
| 1015 | 5,000 | 1,000 | 2,000 | 150 | 100 | <20 | 30 | 70 | 30 | 10 | <10 | 15 | <10 | 7 |
| 1016 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1017 | 3,000 | <200 | 2,000 | 100 | 30 | <20 | 30 | 150 | <10 | 10 | 10 | 30 | <10 | 15 |
| 1018 | 3,000 | <200 | 700 | 70 | 300 | 20 | 20 | 10 | <10 | 70 | 15 | <5 | <10 | 7 |
| 1019 | 3,000 | <200 | 700 | 150 | 150 | <20 | 15 | 70 | <10 | <10 | 15 | <5 | <10 | 15 |
| 1020 | 5,000 | <200 | 700 | 150 | 150 | <20 | 50 | 70 | 10 | <10 | 15 | <5 | <10 | 20 |
| 1021 | 3,000 | <200 | 150 | 150 | 50 | <20 | 15 | 500 | 10 | 20 | <5 | 100 | <10 | 30 |
| 1022 | 3,000 | <200 | 300 | 150 | 30 | <20 | 7 | 200 | 10 | 30 | 5 | 300 | <10 | 5 |
| 1023 | 3,000 | <200 | 100 | 200 | 50 | <20 | 15 | 150 | 10 | 300 | <5 | 200 | <10 | 15 |
| 1024 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1025 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1026 | 3,000 | <200 | 1,000 | 150 | 70 | <20 | 15 | 30 | <10 | <10 | 15 | 10 | <10 | 10 |
| 1027 | 2,000 | <200 | 300 | 100 | 70 | <20 | 5 | 100 | 15 | <10 | 10 | 100 | <10 | 5 |
| 1028 | 3,000 | <200 | 700 | 70 | 150 | <20 | 2 | 100 | <10 | <10 | 15 | 7 | <10 | 7 |
| 1029 | 3,000 | <200 | 700 | 70 | 300 | <20 | 2 | 100 | <10 | <10 | 15 | 7 | <10 | <5 |
| 1030 | 3,000 | <200 | 500 | 70 | 300 | <20 | 3 | 30 | <10 | <10 | 20 | 70 | <10 | 7 |
| 1031 | 3,000 | <200 | 700 | 70 | 150 | <20 | 3 | 100 | 10 | <10 | 15 | 30 | <10 | 5 |
| 1032 | 5,000 | <200 | 500 | 70 | 200 | <20 | 3 | 15 | <10 | 70 | 15 | <5 | <10 | <5 |
| 1033 | 3,000 | <200 | 200 | 100 | 70 | <20 | 7 | 30 | 30 | 700 | 10 | <5 | <10 | <5 |
| 1034 | 3,000 | <200 | 700 | 100 | 100 | <20 | 3 | 50 | 150 | 20 | 15 | 5 | <10 | 15 |
| 1035 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1036 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1037 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | Middle Fork of Silesia Creek drainage | | | | | | | | |
| 1038 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1039 | 7,000 | <200 | 1,500 | 150 | 100 | <20 | 50 | 70 | 50 | 20 | 30 | <5 | <10 | 30 |
| 1040 | 3,000 | <200 | 700 | 150 | 50 | <20 | 2 | 100 | <10 | <10 | 10 | 5 | <10 | <5 |
| 1041 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1042 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1043 | 3,000 | <200 | 200 | 150 | 50 | <20 | 7 | 150 | 20 | <10 | 15 | 15 | <10 | 5 |
| 1044 | 5,000 | <200 | 700 | 150 | 100 | <20 | 20 | 20 | 20 | 10 | 30 | <5 | <10 | 20 |
| 1045 | 7,000 | <200 | 2,000 | 200 | 150 | 30 | 30 | 15 | 30 | <10 | 30 | <5 | <10 | 5 |

Semiquantitative spectrographic analyses

| Sample No. | Ti (ppm) | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Middle Fork of Silesia Creek drainage--Continued** | | | | | | | | | | | | | | |
| 1046 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1047 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1048 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1049 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **West Fork of Silesia Creek drainage** | | | | | | | | | | | | | | |
| 1050 | >10,000 | <200 | 1,500 | 300 | >1,000 | 200 | 70 | 70 | 20 | 70 | 50 | <5 | <10 | 50 |
| 1051 | >10,000 | <200 | 2,000 | 100 | >1,000 | 300 | 100 | 70 | 30 | 70 | 150 | <5 | <10 | 70 |
| 1052 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1053 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1054 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1055 | 3,000 | <200 | 700 | 300 | 150 | <20 | 70 | 30 | <10 | 30 | 20 | <5 | <10 | 30 |
| 1056 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1057 | 1,500 | <200 | 1,000 | 70 | 70 | 30 | 7 | 3 | <10 | <10 | 15 | <5 | <10 | 5 |
| 1058 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1059 | 2,000 | <200 | 1,500 | 100 | 70 | <20 | 70 | 30 | <10 | 10 | 7 | <5 | <10 | 10 |
| 1060 | 1,000 | <200 | 300 | 30 | 50 | 20 | 3 | 3 | 200 | 10 | 15 | <5 | <10 | <5 |
| 1061 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1062 | 3,000 | <200 | 300 | 70 | 200 | 20 | 50 | 30 | 20 | <10 | 15 | <5 | <10 | 20 |
| 1063 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1064 | >10,000 | <200 | 3,000 | 300 | >1,000 | 50 | 10 | 50 | <10 | 30 | 70 | <5 | <10 | 70 |
| 1065 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ruth Creek drainage** | | | | | | | | | | | | | | |
| 1066 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1067 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1068 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1069 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1070 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1071 | 3,000 | <200 | 500 | 100 | 150 | 20 | 70 | 200 | 10 | 70 | 20 | <5 | <10 | 10 |
| **North Fork of Nooksack River drainage** | | | | | | | | | | | | | | |
| 1072 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1073 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1074 | 3,000 | <200 | 700 | 200 | 200 | <20 | 70 | 100 | 10 | 70 | 20 | <5 | <10 | 20 |
| 1075 | 5,000 | <200 | 700 | 300 | 300 | 20 | 70 | 150 | 20 | 100 | 30 | <5 | <10 | 30 |
| 1076 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1077 | 5,000 | <200 | 700 | 300 | 300 | <20 | 100 | 70 | <10 | 70 | 30 | <5 | <10 | 30 |
| 1078 | 5,000 | <200 | 700 | 300 | 300 | <20 | 150 | 150 | 10 | 150 | 50 | <5 | <10 | 30 |
| 1079 | 5,000 | <200 | 700 | 300 | 300 | <20 | 200 | 100 | 15 | 70 | 30 | <5 | <10 | 30 |
| 1080 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1081 | 7,000 | <200 | 700 | 200 | 200 | <20 | 70 | 70 | 15 | 150 | 30 | <5 | <10 | 20 |
| 1082 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1083 | 3,000 | <200 | 700 | 30 | 300 | 30 | 3 | 10 | 20 | 50 | 30 | 70 | <10 | <5 |
| 1084 | 7,000 | 300 | 1,500 | 150 | 300 | <20 | 50 | 50 | 300 | <10 | 70 | 10 | <10 | 10 |
| 1085 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1086 | 3,000 | <200 | 300 | 70 | 300 | 20 | 15 | 70 | 10 | <10 | 20 | 5 | <10 | 10 |
| 1087 | 3,000 | <200 | 500 | 70 | 150 | <20 | 20 | 70 | 10 | <10 | 15 | 15 | <10 | 10 |
| 1088 | 3,000 | <200 | 300 | 70 | 150 | 30 | 10 | 30 | 70 | <10 | 15 | 7 | <10 | 7 |
| 1089 | 5,000 | 200 | 1,000 | 200 | 300 | 20 | 10 | 150 | 500 | <10 | 50 | 30 | <10 | 30 |
| 1090 | 7,000 | <200 | 500 | 50 | 300 | 30 | 15 | 50 | 50 | <10 | 20 | <5 | <10 | 10 |
| 1091 | 7,000 | <200 | 700 | 150 | 200 | <20 | 50 | 30 | 10 | <10 | 15 | <5 | <10 | 30 |
| 1092 | 5,000 | 200 | 1,000 | 150 | 200 | 20 | 15 | 20 | 50 | <10 | 20 | <5 | <10 | 5 |
| 1093 | 2,000 | <200 | 300 | 30 | 200 | 30 | <5 | <5 | 70 | <10 | 15 | 7 | <10 | <5 |

Semiquantitative spectrographic analyses

| Sample No. | (ppm) Ti | Zn | Mn | V | Zr | La | Ni | Cu | Pb | B | Y | Mo | Sn | Co |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | White Salmon Creek drainage | | | | | | | | |
| 1094 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1095 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1096 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1097 | ----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description [1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **International Creek drainage** | | | | | | |
| 1 | <0.5 | <200 | 200 | 700 | --- | --- | <0.1 | --- | --- | --- | Lim. tuff pyrite. |
| 2 | .7 | <200 | 50 | 700 | --- | --- | <.1 | --- | --- | --- | Do. |
| 3 | --- | --- | --- | --- | 15.0 | 20 | --- | --- | --- | 7 | Stream sediment. |
| 4 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 7 | Do. |
| 5 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 7 | Do. |
| | | | | | **Silver Creek drainage** | | | | | | |
| 6 | <.5 | <200 | 70 | 700 | --- | --- | <.1 | --- | --- | --- | Fg. vol. rock, sc. pyrite. |
| 7 | .7 | <200 | 70 | 150 | --- | --- | <.02 | --- | --- | --- | Lim. tuff, sc. pyr., pyrh. |
| 8 | --- | --- | --- | --- | --- | --- | .7 | <0.05 | 0 | 0 | Do. |
| 9 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 10 | --- | --- | --- | --- | --- | --- | <.05 | 20 | 0 | --- | Qtz. pyrite vein. |
| 11 | --- | --- | --- | --- | --- | --- | <.05 | 2 | 0 | 0 | Do. |
| 12 | <.5 | <200 | 70 | 1,000 | --- | --- | .2 | --- | --- | --- | Tuff, locally FeOst. |
| 13 | 2 | <200 | 50 | 1,500 | --- | --- | <.1 | --- | --- | --- | Tour. chl. qtz. vein. |
| 14 | <.5 | <200 | 20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. zone in qtz. di. |
| 15 | <.5 | <200 | 30 | 1,500 | --- | --- | <.1 | --- | --- | --- | Do. |
| 16 | <.5 | <200 | 30 | 700 | --- | --- | .1 | --- | --- | --- | Tour chl. qtz. vein. |
| 17 | <.5 | <200 | 30 | 1,500 | --- | --- | <.1 | --- | --- | --- | Tour. sericite-qtz. vein. |
| 18 | <.5 | <200 | 30 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. ser. chl. qtz. vein. |
| 19 | <.5 | <200 | <20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 20 | <.5 | <200 | 50 | 1,000 | --- | --- | .1 | --- | --- | --- | Ser.-lim. tour.-qtz. vein. |
| 21 | <.5 | <200 | 50 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim hbd. gneiss, sc. sul. |
| 22 | 10 | <200 | <5 | 1,000 | --- | --- | .1 | --- | --- | --- | Lim.-chl.-tour.-qtz. vein. |
| 23 | <.5 | <200 | <5 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. sil. qtz. di. with py. |
| 24 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | <2 | Stream sediment. |
| 25 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | 10 | Do. |
| 26 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | 10 | Do. |
| 27 | --- | --- | --- | --- | 7 | 2 | --- | --- | --- | 2 | Do. |
| 28 | <.5 | <200 | 50 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. fg. vol. rock. |
| 29 | --- | --- | --- | --- | 3 | 20 | --- | --- | --- | 7 | Stream sediment. |
| 30 | --- | --- | --- | --- | 2 | 10 | --- | --- | --- | 3 | Do. |
| 31 | --- | --- | --- | --- | 5 | 20 | --- | --- | --- | 3 | Do. |
| 32 | --- | --- | --- | --- | --- | --- | .27 | <.05 | 1,500 | <3 | Sil. tuff brc.; sc. sul. |
| 33 | --- | --- | --- | --- | --- | --- | <.1 | 7 | 15,500 | 2,900 | Do. |
| 34 | --- | --- | --- | --- | --- | --- | <.1 | 0 | 1,500 | <3 | Kaol. sil. tuff brc.; sc. sul. |
| 35 | --- | --- | --- | --- | --- | --- | 1 | 1.4 | 22,600 | 300 | Contact tuff and qtz di; sc sul. |
| 36 | --- | --- | --- | --- | --- | --- | 0 | 0 | 2,300 | 0 | Do. |
| 37 | --- | --- | --- | --- | --- | --- | .3 | 14 | 13,300 | 3,000 | Sil. tuff brc.; sul. |
| 38 | --- | --- | --- | --- | --- | --- | .2 | <.05 | 1,300 | <3 | Contact tuff and qtz. di. |
| 39 | --- | --- | --- | --- | --- | --- | 0 | 0 | <10 | 0 | Sh. tuff breccia. |
| 40 | --- | --- | --- | --- | --- | --- | 0 | 0 | <10 | 0 | Tuff. |
| 41 | --- | --- | --- | --- | --- | --- | 0 | 0 | <10 | 0 | Quartz diorite. |
| 42 | 7 | <200 | 20 | 700 | --- | --- | .05 | --- | 900 | 150 | Sil. tuff-brc.; sc. chp, mo. |
| 43 | 30 | <200 | 7 | 200 | --- | --- | .2 | --- | >5,000 | 5,000 | Lim. sh. brc.; sc. chp. |
| 44 | 7 | <200 | 10 | 500 | --- | --- | <.05 | --- | 1,500 | 160 | Tuff breccia, sc. chp. |
| 45 | 2 | <200 | 10 | 700 | --- | --- | .06 | --- | 3,200 | 80 | Do. |
| 46 | 2 | <200 | 7 | 500 | --- | --- | <.05 | --- | 1,200 | 400 | Do. |
| 47 | --- | --- | --- | --- | >50 | 1,000 | --- | --- | --- | 70 | Stream sediment. |
| 48 | <.5 | <200 | 700 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 49 | <.5 | <200 | 50 | 700 | --- | --- | <.5 | --- | --- | --- | Bld. lim. qtz. di., sc. py. |
| 50 | <.5 | <200 | 50 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. welded tuff, sc. py. |
| 51 | 2 | <200 | 100 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. volcanic rocks. |
| 52 | --- | --- | --- | --- | 1.5 | 7 | --- | --- | --- | 3 | Stream sediment. |
| 53 | <.5 | <200 | 100 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. fg. vol. rock. |
| 54 | <.5 | <200 | 300 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Perry Creek drainage** | | | | | | |
| 55 | --- | --- | --- | --- | 7.0 | 5 | --- | --- | --- | <2 | Stream sediment. |
| 56 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 10 | Do. |
| 57 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | 20 | Do. |
| 58 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | 30 | Do. |
| 59 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 50 | Do. |
| 60 | <0.5 | <200 | 70 | 300 | --- | --- | <0.02 | --- | --- | --- | Lim. bi. qtz. granulite. |
| 61 | <.5 | <200 | 2,000 | 50 | --- | --- | <.02 | --- | --- | --- | Lim. dark gneiss. |
| 62 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 2 | Stream sediment. |
| 63 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 2 | Do. |
| 64 | <.5 | <200 | 100 | 700 | --- | --- | .1 | --- | --- | --- | Lim. vol. brc., sc. py. |
| 65 | <.5 | <200 | 50 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. sil. vol. rock, sc. py. |
| 66 | <.5 | <200 | 70 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. tuff, sc. py. |
| 67 | <.5 | <200 | 100 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 68 | <.5 | <200 | 200 | 700 | --- | --- | <.1 | --- | --- | --- | Do. |
| | | | | | **Redoubt Creek drainage** | | | | | | |
| 69 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 5 | Stream sediments. |
| 70 | --- | --- | --- | --- | 10 | 15 | --- | --- | --- | 2 | Do. |
| 71 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | 3 | Do. |
| 72 | <.5 | <200 | 700 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | **Pass Creek drainage (Tributary to Little Beaver Creek)** | | | | | | |
| 73 | <.5 | <200 | 150 | 700 | --- | --- | .02 | --- | --- | --- | Lim. bi. gneiss inclusion. |
| 74 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 10 | Stream sediment. |
| 75 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 7 | Do. |
| 76 | --- | --- | --- | --- | 3 | 5 | --- | --- | --- | 7 | Do. |
| 77 | --- | --- | --- | --- | 1 | 5 | --- | --- | --- | 10 | Do. |
| 78 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 10 | Do. |
| 79 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. grd. |
| 80 | <.5 | <200 | 700 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bi. gneiss. |
| 81 | <.5 | <200 | 30 | 1,500 | --- | --- | <.02 | --- | --- | --- | Impure marble. |
| 82 | 3 | <200 | 30 | 30 | --- | --- | .04 | --- | --- | --- | Lim. qtz. chl. gneiss. |
| 83 | --- | <200 | 20 | 7 | --- | --- | <.05 | 2.2 | 250 | --- | Impure marble. |
| 84 | 2 | <200 | 20 | 30 | --- | --- | .02 | --- | --- | --- | Epidote-gar. skarn. |
| 85 | --- | <200 | 20 | 7 | --- | --- | <.05 | <.2 | --- | --- | Do. |
| 86 | 15 | <200 | 15 | 150 | --- | --- | --- | --- | --- | --- | Lim. light qtz. di. |
| 87 | <.5 | <200 | 70 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bi. gneiss |
| 88 | --- | --- | --- | --- | 7 | <1 | --- | --- | --- | <2 | Stream sediment. |
| 89 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 7 | Do. |
| 90 | --- | --- | --- | --- | 100 | 200 | --- | --- | --- | 10 | Do. |
| 91 | --- | --- | --- | --- | 50 | 70 | --- | --- | --- | 10 | Do. |
| 92 | --- | --- | --- | --- | 150 | 300 | --- | --- | --- | 20 | Do. |
| 93 | 1.5 | <200 | <5 | 1,500 | --- | --- | .03 | --- | --- | --- | Lim. bi. gneiss; sc. py. pyrh. |
| 94 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 7 | Stream sediment. |
| 95 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bi. gneiss. |
| 96 | <.5 | <200 | 200 | 700 | --- | --- | <.02 | --- | --- | --- | Lim bi cut by lim dikes. |
| 97 | <.5 | 700 | 150 | 700 | --- | --- | < 02 | --- | --- | --- | Lim. sil. bi. hbd. gn., sc. py. |
| 98 | <.5 | <200 | 500 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. plag. po. dike. |
| 99 | .7 | <200 | 70 | 1,500 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. bi. gneiss. |
| 100 | <.5 | <200 | 70 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. aplite dike. |
| 101 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bi. hbd. gneiss. |
| 102 | <.5 | <200 | 300 | 100 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. gneiss. |
| 103 | <.5 | <200 | 70 | 700 | --- | --- | < 02 | --- | --- | --- | Do. |
| 104 | <.5 | <200 | 500 | 100 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 105 | --- | --- | --- | --- | 3 | 20 | --- | --- | --- | 7 | Stream sediment. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Red Face Mountain Area | | | | | | |
| 106 | <0.5 | <200 | 15 | 500 | --- | --- | <0.02 | --- | --- | --- | Lim. hbd.-qtz. diorite. |
| 107 | .7 | <200 | 70 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. hbd.-qtz. di., sc. py. |
| 108 | <.5 | <200 | 50 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. hbd.-qtz. diorite. |
| 109 | <.5 | <200 | 5 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite. |
| 110 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | --- | Lim. hbd.-qtz. di., sc. py. |
| 111 | <.5 | <200 | 10 | 300 | --- | --- | <.02 | --- | --- | --- | Do. |
| 112 | --- | --- | --- | --- | --- | --- | <.1 | <0.05 | 0 | 0 | Do. |
| 113 | <.5 | <200 | 150 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. granodiorite. |
| 114 | --- | --- | --- | --- | --- | --- | <.1 | <.05 | 0 | --- | Do. |
| 115 | <.5 | <200 | 5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Do. |
| 116 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | --- | Do. |
| 117 | <.5 | <200 | 100 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 118 | <.5 | <200 | 20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 119 | <.5 | <200 | 7 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. grd. w/hornfels incl. |
| 120 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. dark hbd. grd. |
| 121 | --- | --- | --- | --- | 10.0 | 30 | --- | --- | --- | --- | Stream sediment. |
| 122 | <.5 | <200 | 5 | 200 | --- | --- | <.02 | --- | --- | --- | Quartz vein. |
| 123 | --- | <200 | 1 | 70 | --- | --- | <.05 | <.1 | --- | --- | Do. |
| 124 | <.5 | <200 | 20 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. qtz.-feldspar po. |
| 125 | --- | --- | --- | --- | --- | --- | <.1 | 0 | <10 | --- | Lim. qtz.-feld po., sc. py. |
| 126 | --- | --- | --- | --- | --- | --- | <.1 | 0 | <10 | --- | Do. |
| 127 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | --- | Lim. hbd. dike, sc. py. |
| 128 | --- | <200 | 1 | 50 | --- | --- | <.05 | <.1 | --- | --- | Quartz vein. |
| 129 | --- | --- | --- | --- | --- | --- | <.05 | <.1 | --- | --- | Pegmatite. |
| 130 | --- | <200 | 15 | 150 | --- | --- | <.05 | <.1 | --- | --- | Limonitic quartz vein. |
| 131 | --- | --- | --- | --- | --- | --- | 0 | 0 | --- | --- | Do. |
| 132 | <.5 | <200 | 500 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. porphyry. |
| 133 | <.5 | <200 | 100 | 1,000 | --- | --- | .6 | --- | --- | --- | Limonitic granodiorite. |
| 134 | --- | --- | --- | --- | 20 | 50 | --- | --- | --- | 7 | Stream sediment. |
| 135 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Plag. porphyry; sc. py. |
| 136 | <.5 | <200 | 500 | 1,000 | --- | --- | <.1 | --- | --- | --- | Limonitic granodiorite. |
| 137 | --- | --- | --- | --- | 20 | 15 | --- | --- | --- | 15 | Stream sediment. |
| 138 | 1 | <200 | 20 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. granodiorite. |
| 139 | <.5 | <200 | 5 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. grd., abund. py. |
| 140 | <.5 | <200 | 5 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. granodiorite. |
| 141 | --- | --- | --- | --- | 7 | 10 | --- | --- | --- | --- | Stream sediment. |
| 142 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- | Do. |
| 143 | --- | --- | --- | --- | 70 | 150 | --- | --- | --- | 20 | Do. |
| 144 | --- | --- | --- | --- | 10 | <1 | --- | --- | --- | --- | Do. |
| 145 | --- | --- | --- | --- | 7 | 2 | --- | --- | --- | --- | Do. |
| 146 | --- | --- | --- | --- | --- | --- | 0 | 0 | --- | --- | Pegmatite. |
| 147 | --- | --- | --- | --- | --- | --- | <.1 | <.05 | 0 | --- | Lim. pegmatite. |
| 148 | --- | --- | --- | --- | --- | --- | <.1 | 0 | 0 | --- | Do. |
| 149 | --- | --- | --- | --- | --- | --- | 0 | <.05 | <10 | <3 | Lim. flow rock. |
| 150 | <.5 | <200 | <5 | 1,500 | --- | --- | <.02 | --- | --- | --- | Dark gray dike. |
| 151 | 1 | <200 | 1,500 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 152 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | 30 | Stream sediment. |
| 153 | --- | --- | --- | --- | >50 | 300 | --- | --- | --- | 50 | Do. |
| 154 | --- | --- | --- | --- | <.5 | 3 | --- | --- | --- | 10 | Do. |
| 155 | --- | --- | --- | --- | --- | --- | 0 | 0 | --- | --- | Lim. granodiorite. |
| 156 | <.5 | <200 | <5 | 1,000 | --- | --- | .1 | --- | --- | --- | Do. |
| 157 | <.5 | <200 | 20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 158 | --- | --- | --- | --- | --- | --- | <.1 | 0 | 0 | --- | Do. |
| 159 | <.5 | <200 | 50 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. granodiorite. |
| 160 | <.5 | <200 | 10 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 161 | <.5 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 162 | <.5 | <200 | 5 | 150 | --- | --- | <.02 | --- | --- | --- | Quartz vein. |
| 163 | <.5 | <200 | 5 | 70 | --- | --- | .02 | --- | --- | --- | Do. |
| 164 | <.5 | <200 | 10 | 1,000 | --- | --- | .03 | --- | --- | --- | Lim. hbd. granodiorite. |
| 165 | <.5 | <200 | <5 | 300 | --- | --- | .02 | --- | --- | --- | Quartz vein. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Red Face Mountain Area--Continued | | | | | | |
| 166 | <0.5 | <200 | 5 | 700 | --- | --- | <0.02 | --- | --- | --- | Lim. fine-grained dike. |
| 167 | <.5 | <200 | 50 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. sil. grd. with py. |
| 168 | <.5 | <200 | 200 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 169 | --- | --- | --- | --- | --- | --- | <.1 | 0 | <10 | <3 | Lim. grd. with qtz. veins. |
| 170 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 171 | --- | --- | --- | --- | --- | --- | 0 | 0.05 | 0 | --- | Lim. sil. granodiorite. |
| 172 | --- | --- | --- | --- | 3.0 | 5 | --- | --- | --- | 10 | Stream sediment. |
| 173 | <.5 | <200 | 70 | 500 | --- | --- | <.1 | --- | --- | --- | Bog iron (limonite). |
| 174 | <.5 | <200 | 70 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 175 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |
| 176 | --- | --- | --- | --- | <.5 | <1 | --- | --- | --- | 100 | Stream sediment. |
| 177 | --- | --- | --- | --- | 30 | 7 | --- | --- | --- | 10 | Do. |
| 178 | <.5 | <200 | 50 | 2,000 | --- | --- | <.1 | --- | --- | --- | Lim. granodiorite with py. |
| 179 | --- | --- | --- | --- | 20 | 50 | --- | --- | --- | 10 | Stream sediment. |
| 180 | <.5 | <200 | 100 | 1,500 | --- | --- | < 1 | --- | --- | --- | Lim. sil. grd. with py. |
| 181 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | 10 | Stream sediment. |
| 182 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 10 | Do. |
| 183 | <.5 | <200 | 70 | 700 | --- | --- | <.1 | --- | --- | --- | Limonitic granodiorite. |
| 184 | <.5 | <200 | 70 | 700 | --- | --- | <.1 | --- | --- | --- | Do. |
| 185 | <.5 | <200 | 30 | 500 | --- | --- | <.1 | --- | --- | --- | Limonitic gouge. |
| 186 | --- | --- | --- | --- | 5 | 7 | --- | --- | --- | 7 | Stream sediment. |
| 187 | 7 | <200 | 70 | 1,000 | --- | --- | .30 | --- | --- | --- | Mineralized dark green dike. |
| 188 | <.5 | <200 | 70 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. biotite gneiss. |
| | | | | | Little Beaver Creek drainage | | | | | | |
| 189 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | 2 | Stream sediment. |
| 190 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | <2 | Do. |
| 191 | --- | --- | --- | --- | 15 | 7 | --- | --- | --- | 7 | Do. |
| 192 | --- | --- | --- | --- | 30 | 10 | --- | --- | --- | 10 | Do. |
| 193 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | 30 | Do. |
| 194 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 3 | Do. |
| 195 | <.5 | <200 | 20 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. quartz diorite. |
| 196 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 5 | Stream sediment. |
| 197 | --- | --- | --- | --- | 15 | 100 | --- | --- | --- | 5 | Do. |
| 198 | --- | --- | --- | --- | 7 | 50 | --- | --- | --- | 2 | Do. |
| 199 | --- | --- | --- | --- | 30 | 100 | --- | --- | --- | --- | Do. |
| 200 | --- | --- | --- | --- | 5 | 30 | --- | --- | --- | <20 | Do. |
| 201 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 10 | Do. |
| 202 | --- | --- | --- | --- | 10 | 15 | --- | --- | --- | 5 | Do. |
| 203 | <.5 | <200 | 500 | 100 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 204 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | 2 | Stream sediment. |
| 205 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 7 | Do. |
| 206 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | --- | Do. |
| 207 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | --- | Do. |
| 208 | --- | --- | --- | --- | 30 | 10 | --- | --- | --- | 10 | Do. |
| 209 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 10 | Do. |
| 210 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | 3 | Do. |
| 211 | <.5 | <200 | 30 | 2,000 | --- | --- | <.1 | --- | --- | --- | Lim. biotite gneiss. |
| 212 | --- | --- | --- | --- | 5 | 7 | --- | --- | --- | 2 | Stream sediment. |
| 213 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 3 | Do. |
| 214 | <.5 | <200 | 300 | 200 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 215 | --- | --- | --- | --- | 1 | 7 | --- | --- | --- | <2 | Stream sediment. |
| 216 | 1.5 | <200 | 50 | <20 | --- | --- | .2 | --- | --- | --- | Gneiss with pyrh. |
| 217 | .7 | <200 | 50 | 150 | --- | --- | .04 | --- | --- | --- | Magnetite-rich gneiss. |
| 218 | <.5 | <200 | 70 | 700 | --- | --- | .1 | --- | --- | --- | Lim. light-colored qtz. di, |
| 219 | 5 | <200 | 30 | 500 | --- | --- | <.1 | --- | --- | --- | Limonitic amphibolite. |
| 220 | <.5 | <200 | 20 | 100 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. qtz. gn. granulite. |
| 221 | .5 | <200 | 50 | 100 | --- | --- | .2 | --- | --- | --- | Do. |
| 222 | <.5 | <200 | 150 | 150 | --- | --- | <.02 | --- | --- | --- | Limonitic quartzite. |
| 223 | <.5 | <200 | 70 | 70 | --- | --- | <.02 | --- | --- | --- | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Little Beaver Creek drainage--Continued | | | | | | |
| 224 | <0.5 | <200 | 50 | 300 | --- | --- | <0.02 | --- | --- | --- | Limonitic quartzite. |
| 225 | --- | --- | --- | --- | 3.0 | 20 | --- | --- | --- | 15 | Stream sediment. |
| 226 | --- | --- | --- | --- | 2 | 5 | --- | --- | --- | 7 | Do. |
| 227 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | 7 | Do. |
| 228 | --- | --- | --- | --- | <.5 | 10 | --- | --- | --- | 10 | Do. |
| 229 | --- | --- | --- | --- | 1.5 | 15 | --- | --- | --- | 3 | Do. |
| 230 | --- | --- | --- | --- | 3 | 50 | --- | --- | --- | 7 | Do. |
| 231 | <.5 | <200 | 70 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. gn. w/epidote layers. |
| 232 | <.5 | <200 | 10 | 500 | --- | --- | <.1 | --- | --- | --- | Limonitic brc. with py. |
| 233 | <.5 | <200 | 100 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. sheared hbd. gneiss. |
| 234 | --- | --- | --- | --- | 5 | 50 | --- | --- | --- | 7 | Stream sediment. |
| 235 | --- | --- | --- | --- | 20 | 100 | --- | --- | --- | 10 | Do. |
| 236 | --- | --- | --- | --- | 20 | 200 | --- | --- | --- | 7 | Do. |
| 237 | --- | --- | --- | --- | 2 | 20 | --- | --- | --- | 2 | Do. |
| 238 | --- | --- | --- | --- | 20 | 100 | --- | --- | --- | 10 | Do. |
| 239 | --- | --- | --- | --- | 30 | 300 | --- | --- | --- | 70 | Do. |
| 240 | --- | --- | --- | --- | 1 | 10 | --- | --- | --- | 5 | Do. |
| 241 | --- | --- | --- | --- | <.5 | 7 | --- | --- | --- | 20 | Do. |
| 242 | --- | --- | --- | --- | .5 | 2 | --- | --- | --- | 7 | Do. |
| 243 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 5 | Do. |
| 244 | <.5 | <200 | 500 | 150 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 245 | --- | --- | --- | --- | 10 | 15 | --- | --- | --- | <2 | Stream sediment. |
| 246 | <.5 | <200 | 30 | 700 | --- | --- | .02 | --- | --- | --- | Lim. pyritic hornfels. |
| 247 | <.5 | <200 | 50 | 700 | --- | --- | <.1 | --- | --- | --- | Limonitic hornfels. |
| 248 | --- | --- | --- | --- | 30 | 10 | --- | --- | --- | 5 | Stream sediment. |
| 249 | --- | --- | --- | --- | 20 | 30 | --- | --- | --- | 7 | Do. |
| | | | | | Arctic Creek drainage | | | | | | |
| 250 | <.5 | <200 | 70 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. biotite gneiss. |
| 251 | <.5 | <200 | 30 | 300 | --- | --- | <.02 | --- | --- | --- | Limonitic gneiss. |
| 252 | <.5 | <200 | 20 | 300 | --- | --- | <.1 | --- | --- | --- | Limonitic hbd. bi. gneiss. |
| 253 | --- | --- | --- | --- | 200 | 700 | --- | --- | --- | 10 | Stream sediment. |
| 254 | --- | --- | --- | --- | 100 | 300 | --- | --- | --- | 20 | Do. |
| 255 | --- | --- | --- | --- | 20 | 50 | --- | --- | --- | 20 | Do. |
| 256 | --- | --- | --- | --- | 5 | 10 | --- | --- | --- | 70 | Do. |
| 257 | --- | --- | --- | --- | 1 | 5 | --- | --- | --- | 70 | Do. |
| 258 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | --- | Do. |
| 259 | --- | --- | --- | --- | 10 | 5 | --- | --- | --- | --- | Do. |
| 260 | <.5 | <200 | 70 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. light colored qtz. di. |
| 261 | .7 | <200 | 20 | 150 | --- | --- | < 02 | --- | --- | --- | Lim. bi. gneiss. |
| 262 | 1 | <200 | 50 | 100 | --- | --- | <.02 | --- | --- | --- | Do. |
| 263 | 1.5 | <200 | 20 | 150 | --- | --- | <.02 | --- | --- | --- | Do. |
| 264 | <.5 | <200 | 30 | 300 | --- | --- | <.02 | --- | --- | --- | Limebi, gn, sc, py, and pyrh. |
| 265 | <.5 | <200 | 50 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. bi. gn. sc. py. |
| 266 | <.5 | <200 | 30 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. bi. hbd. gneiss. |
| 267 | <.5 | <200 | <10 | 50 | --- | --- | <.1 | --- | --- | --- | Vuggy epidote brc. |
| 268 | <.5 | <200 | <10 | 70 | --- | --- | <.1 | --- | --- | --- | MnO-calcite, contact zone. |
| 269 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. biotite gneiss. |
| 270 | <.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 271 | <.5 | <200 | 700 | 30 | --- | --- | <.1 | --- | --- | --- | Lim. metagabbro. |
| 272 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 10 | Stream sediment. |
| 273 | <.5 | <200 | 30 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. biotite gneiss. |
| 274 | <.5 | <200 | 150 | 300 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 275 | --- | --- | --- | --- | 10 | 3 | --- | --- | --- | 3 | Stream sediment. |
| 276 | --- | --- | --- | --- | 5 | 15 | --- | --- | --- | 5 | Do. |
| 277 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 5 | Do. |
| 278 | --- | --- | --- | --- | 20 | 7 | --- | --- | --- | 7 | Do. |
| 279 | --- | --- | --- | --- | 30 | 10 | --- | --- | --- | 5 | Do. |
| 280 | --- | --- | --- | --- | 10 | 5 | --- | --- | --- | 5 | Do. |
| 281 | --- | --- | --- | --- | 7 | 10 | --- | --- | --- | 5 | Do. |
| 282 | --- | --- | --- | --- | 10 | 15 | --- | --- | --- | 3 | Do. |
| 283 | <.5 | <200 | 10 | 2,000 | --- | --- | <.1 | --- | --- | --- | Greenstone sc. pyrite. |
| 284 | <.5 | <200 | 20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Iron-stained greenstone. |

| Sample | Semiquantitetive spectrographic analyses--Continued (ppm) Ag | As | Cr | Be | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Arctic Creek drainage--Continued** | | | | | | |
| 285 | --- | --- | --- | --- | 3.0 | 10 | --- | --- | --- | 10 | Stream sediment. |
| 286 | <0.5 | <200 | 10 | 1,000 | --- | --- | <0.1 | --- | --- | --- | Greenstone, locally limonitic. |
| 287 | --- | --- | --- | --- | 30 | 5 | --- | --- | --- | 10 | Stream sediment. |
| 288 | --- | --- | --- | --- | 30 | 10 | --- | --- | --- | 5 | Do. |
| 289 | --- | --- | --- | --- | 30 | 15 | --- | --- | --- | 5 | Do. |
| 290 | <.5 | <200 | 15 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | **No Name Creek drainage** | | | | | | |
| 291 | 1.5 | <200 | 200 | 300 | --- | --- | <.1 | --- | --- | --- | Limonitic granulite. |
| 292 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | <2 | Stream sediment. |
| 293 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 2 | Do. |
| 294 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 2 | Do. |
| 295 | .5 | <200 | 150 | 1,500 | --- | --- | <.1 | --- | --- | --- | Limonitic biotite gneiss. |
| 296 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | 5 | Stream sediment. |
| 297 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 3 | Do. |
| 298 | --- | --- | --- | --- | 2 | 10 | --- | --- | --- | <2 | Do. |
| 299 | <.5 | <200 | 500 | 50 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 300 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 5 | Stream sediment. |
| 301 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | 5 | Do. |
| 302 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 3 | Do. |
| 303 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 5 | Do. |
| 304 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 3 | Do. |
| 305 | <.5 | <200 | 500 | 300 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 306 | --- | --- | --- | --- | 20 | 3 | --- | --- | --- | 5 | Stream sediment. |
| | | | | | **Skymo Creek drainage** | | | | | | |
| 307 | 2 | <200 | 500 | 200 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. plag. gneiss. |
| 308 | <.5 | <200 | 500 | 100 | --- | --- | <.1 | --- | --- | --- | Do. |
| 309 | <.5 | <200 | 200 | 200 | --- | --- | <.1 | --- | --- | --- | Do. |
| 310 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 5 | Stream sediment. |
| 311 | <.5 | <200 | 50 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. diorite. |
| 312 | <.5 | <200 | 50 | 150 | --- | --- | <.1 | --- | --- | --- | Lim. pyroxene granulite. |
| 313 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | <2 | Stream sediment. |
| 314 | --- | --- | --- | --- | 1.5 | 15 | --- | --- | --- | 3 | Do. |
| 315 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | --- | Do. |
| 316 | --- | --- | --- | --- | 10 | 7 | --- | --- | --- | 3 | Do. |
| 317 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | 5 | Do. |
| 318 | --- | --- | --- | --- | 3 | 5 | --- | --- | --- | 7 | Do. |
| 319 | <.5 | <200 | >5,000 | 300 | --- | --- | <.1 | --- | --- | --- | Panned concentrate |
| | | | | | **Luna Creek drainage** | | | | | | |
| 320 | <.5 | <200 | 15 | 300 | --- | --- | <.1 | --- | --- | --- | Hbd. qtz. diorite dike sc. py. |
| 321 | <.5 | <200 | 5 | 1,000 | --- | --- | <.1 | --- | --- | --- | Intrusive breccia. |
| 322 | <.5 | <200 | 5 | 500 | --- | --- | <.1 | --- | --- | --- | Limonitic biotite gneiss. |
| 323 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 10 | Stream sediment |
| 324 | --- | --- | --- | --- | 10 | 30 | --- | --- | --- | 7 | Do. |
| 325 | --- | --- | --- | --- | 20 | 50 | --- | --- | --- | 5 | Do. |
| 326 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 5 | Do. |
| 327 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 3 | Do. |
| 328 | --- | --- | --- | --- | 15 | 50 | --- | --- | --- | 20 | Do. |
| 329 | --- | --- | --- | --- | 15 | 30 | --- | --- | --- | 5 | Do. |
| 330 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | 3 | Do. |
| 331 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 10 | Do. |
| 332 | --- | --- | --- | --- | 15 | 30 | --- | --- | --- | 10 | Do. |
| 333 | --- | --- | --- | --- | .5 | 50 | --- | --- | --- | <2 | Do. |
| 334 | 7 | <200 | 20 | 700 | --- | --- | .06 | --- | --- | --- | Ep. qtz. vein sc. py. end chp. |
| 335 | <.5 | <200 | <5 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. Biotite gneiss. |
| 336 | .5 | <200 | 50 | 3,000 | --- | --- | <.1 | --- | --- | --- | Sh. hbd. bi. gneiss. |
| 337 | <.5 | <200 | 150 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. biotite gneiss. |
| 338 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Stream sediment. |
| 339 | <.5 | <200 | 20 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. bended hbd. bi. gneiss. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Luna Creek drainage--Continued | | | | | | |
| 340 | 0.5 | <200 | 150 | 1,000 | --- | --- | <0.1 | --- | --- | --- | Lim. banded hbd. bi. gneiss. |
| 341 | --- | --- | --- | --- | 0.5 | 10 | --- | --- | --- | 2 | Stream sediment. |
| 342 | --- | --- | --- | --- | 1.5 | 7 | --- | --- | --- | 3 | Do. |
| 343 | <.5 | <200 | 100 | 500 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 344 | --- | --- | --- | --- | .5 | 10 | --- | --- | --- | 5 | Stream sediment. |
| 345 | <.5 | <200 | 10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. sh. qtz. diorite. |
| 346 | <.5 | <200 | 7 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di. sc. pyrite. |
| | | | | | McMillan Creek drainage | | | | | | |
| 347 | <.5 | <200 | 10 | 700 | --- | --- | <.1 | --- | --- | --- | Bi.gn. hbd.gn., qtz.di.breccia. |
| 348 | <.5 | <200 | 30 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. di. dike sc. pyrite. |
| 349 | <.5 | <200 | 30 | 500 | --- | --- | <.1 | --- | --- | --- | Limonitic gneiss. |
| 350 | <.5 | <200 | 10 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. gneiss. |
| 351 | <.5 | <200 | 20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Limonitic dike. |
| 352 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 2 | Stream sediment. |
| 353 | <.5 | <200 | 10 | 300 | --- | --- | <.1 | --- | --- | --- | Limonitic sh. gneiss. |
| 354 | 1 | <200 | 10 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. biotite gneiss. |
| 355 | 1.5 | <200 | 30 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. bi. gneiss w/sc. py. |
| 356 | --- | --- | --- | --- | 3 | 20 | --- | --- | --- | 5 | Stream sediment. |
| 357 | 10 | <200 | 200 | 300 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 358 | <.5 | <200 | 200 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. sh. bi. gneiss. |
| 359 | --- | --- | --- | --- | 1.5 | 7 | --- | --- | --- | 2 | Stream sediment. |
| | | | | | Big Beaver Creek drainage | | | | | | |
| 360 | --- | --- | --- | --- | 5 | 20 | --- | --- | --- | 2 | Do. |
| 361 | --- | --- | --- | --- | 1.5 | 7 | --- | --- | --- | 2 | Do. |
| 362 | 50 | <200 | 10 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. qtz. di. sc. pyrite. |
| 363 | <.5 | <200 | <10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Sh. lim. qtz. diorite. |
| 364 | --- | --- | --- | --- | 10 | 70 | --- | --- | --- | 5 | Stream sediment. |
| 365 | --- | --- | --- | --- | 15 | 100 | --- | --- | --- | 10 | Do. |
| 366 | --- | --- | --- | --- | 10 | 50 | --- | --- | --- | 10 | Do. |
| 367 | --- | --- | --- | --- | 15 | 100 | --- | --- | --- | 15 | Do. |
| 368 | --- | --- | --- | --- | 1.5 | 15 | --- | --- | --- | 3 | Do. |
| 369 | <.5 | <200 | 200 | 200 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 370 | <.5 | <200 | 10 | 200 | --- | --- | <.1 | --- | --- | --- | Limonitic qtz. diorite. |
| 371 | 3 | <200 | 1,000 | 300 | --- | --- | .2 | --- | --- | --- | Lim. qtz.di. light colored gn. |
| 372 | .7 | <200 | <10 | 500 | --- | --- | <.1 | --- | --- | --- | Sh. lim. granodiorite. |
| 373 | --- | --- | --- | --- | 2 | 20 | --- | --- | --- | 3 | Stream sediment. |
| 374 | --- | --- | --- | --- | 1 | 15 | --- | --- | --- | 3 | Do. |
| 375 | --- | --- | --- | --- | 7 | 30 | --- | --- | --- | 2 | Do. |
| 376 | --- | --- | --- | --- | 10 | 100 | --- | --- | --- | 2 | Do. |
| 377 | <.5 | <200 | 15 | 300 | --- | --- | <.1 | --- | --- | --- | Limonitic granodiorite. |
| 378 | --- | --- | --- | --- | 10 | 70 | --- | --- | --- | <2 | Stream sediment. |
| 379 | --- | --- | --- | --- | 1 | 10 | --- | --- | --- | <2 | Do. |
| 380 | --- | --- | --- | --- | 1 | 7 | --- | --- | --- | 3 | Do. |
| 381 | 1 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Shear zone w/chrysocolla. |
| 382 | .7 | <200 | 5 | 700 | --- | --- | .02 | --- | --- | --- | Limonitic alaskite. |
| 383 | .5 | <200 | 70 | 500 | --- | --- | <.1 | --- | --- | --- | Lim.hbd. bi. qtz. diorite. |
| 384 | <.5 | <200 | 300 | 200 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 385 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 2 | Stream sediment. |
| 386 | <.5 | <200 | 20 | 300 | --- | --- | <.1 | --- | --- | --- | Graphitic bi. gneiss. |
| 387 | <.5 | <200 | 50 | 200 | --- | --- | <.1 | --- | --- | --- | Hematitic hbd. gneiss. |
| 388 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | 2 | Stream sediment. |
| 389 | <.5 | <200 | 5,000 | 200 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 390 | <.5 | <200 | 200 | 500 | --- | --- | <.1 | --- | --- | --- | Iron-stained bi. gneiss. |
| 391 | 5 | <200 | 200 | 100 | --- | --- | 8.3 | --- | --- | --- | Panned concentrate. |
| 392 | <.5 | <200 | 2,000 | 70 | --- | --- | <.1 | --- | --- | --- | Do. |
| 393 | --- | --- | --- | --- | 5 | 2 | --- | --- | --- | 7 | Stream sediment. |
| 394 | <.5 | <200 | 500 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. hornblende gneiss. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Big Beaver Creek drainage--Continued** | | | | | | |
| 395 | 1.0 | <200 | 500 | 200 | --- | --- | <0.1 | --- | --- | --- | Lim. hornblende gneiss. |
| 396 | <.5 | <200 | 70 | 1,500 | --- | --- | <.1 | --- | --- | --- | Do. |
| 397 | <.5 | <200 | 200 | 150 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | **West side of Ross Lake** | | | | | | |
| 398 | --- | --- | --- | --- | 10.0 | 3 | --- | --- | --- | 3 | Stream sediment. |
| 399 | <.5 | <200 | 70 | 700 | --- | --- | <.1 | --- | --- | --- | Limonitic greenstone. |
| 400 | <.5 | <200 | 200 | 500 | --- | --- | <.1 | --- | --- | --- | Do. |
| 401 | --- | --- | --- | --- | 30 | 10 | --- | --- | --- | 2 | Stream sediment. |
| 402 | --- | --- | --- | --- | 20 | 10 | --- | --- | --- | 7 | Do. |
| 403 | --- | --- | --- | --- | 15 | 10 | --- | --- | --- | 5 | Do. |
| 404 | --- | --- | --- | --- | 20 | 10 | --- | --- | --- | 10 | Do. |
| 405 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 7 | Do. |
| 406 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | 10 | Do. |
| 407 | 1 | <200 | 700 | 100 | --- | --- | <.1 | --- | --- | --- | Limonitic metagabbro. |
| 408 | .7 | <200 | 700 | 70 | --- | --- | <.02 | --- | --- | --- | Ultramafic rock sc pyrh, chp. |
| 409 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | --- | Stream sediment. |
| 410 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | --- | Do. |
| 411 | <.5 | <200 | 70 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. bi. gneiss sc. pyrite. |
| 412 | --- | --- | --- | --- | 20 | 1 | --- | --- | --- | 3 | Stream sediment. |
| | | | | | **Stetattle Creek drainage** | | | | | | |
| 413 | --- | --- | --- | --- | 1 | 7 | --- | --- | --- | 3 | Do. |
| 414 | <.5 | <200 | 70 | 150 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 415 | <.5 | <200 | 10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Sh. lim. bi. gneiss. |
| 416 | <.5 | <200 | 10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 417 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Stream sediment. |
| 418 | --- | --- | --- | --- | --- | --- | 0 | 0 | --- | --- | Lim. sil. gn. w/qtz. vein. |
| 419 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Lim. gneiss, sc. sulfides. |
| 420 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Iron-stained material. |
| 421 | <.5 | <200 | 500 | 200 | --- | --- | .1 | --- | --- | --- | Panned concentrate. |
| | | | | | **Terror Creek drainage** | | | | | | |
| 422 | <.5 | <200 | 30 | 1,500 | --- | --- | .19 | --- | --- | --- | Lim. bi. gneiss, local pyrite. |
| 423 | <.5 | <200 | 70 | 1,500 | --- | --- | <.1 | --- | --- | --- | Do. |
| 424 | <.5 | <200 | 50 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 425 | 1 | <200 | <10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Sil. lim. brecciated gn. |
| 426 | <.5 | <200 | 10 | 2,000 | --- | --- | <.1 | --- | --- | --- | Lim. brecciated gneiss. |
| 427 | <.5 | <200 | <10 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. gn. and tan dike. |
| 428 | <.5 | <200 | 50 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. tan dike. |
| 429 | <.5 | <200 | 20 | 150 | --- | --- | <.02 | --- | --- | --- | Lim. light-colored qtz. di. |
| 430 | <.5 | <200 | <10 | 1,500 | --- | --- | <.1 | --- | --- | --- | Do. |
| 431 | <.5 | <200 | 10 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. sheared gneiss. |
| 432 | .5 | <200 | 150 | 1,500 | --- | --- | .04 | --- | --- | --- | Sulfide-bearing hbd.bi. gneiss. |
| 433 | --- | --- | --- | --- | --- | 5 | --- | --- | --- | 10 | Stream sediment. |
| 434 | <.5 | <200 | 500 | 500 | --- | --- | .1 | --- | --- | --- | Panned concentrate. |
| | | | | | **Goodell Creek drainage** | | | | | | |
| 435 | <.5 | <200 | 20 | 300 | --- | --- | <.1 | --- | --- | --- | Intrusive breccia with pyrite. |
| 436 | 2 | 3,000 | 20 | 500 | --- | --- | 4.3 | --- | --- | --- | Lim. quartz diorite. |
| 437 | 1.5 | <200 | 10 | 300 | --- | --- | .1 | --- | --- | --- | Intrusive breccia with pyrite. |
| 438 | 2 | 700 | 10 | 500 | --- | --- | .3 | --- | --- | --- | Limonitic gneiss. |
| 439 | 7 | <200 | 10 | 500 | --- | --- | <.1 | --- | --- | --- | Limonitic biotite gneiss. |
| 440 | --- | --- | --- | --- | --- | --- | <.02 | --- | --- | --- | Calcite vein. |
| 441 | <.5 | <200 | 30 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. intrusive breccia. |
| 442 | <.5 | <200 | 30 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 443 | <.5 | <200 | 30 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. bi. gneiss; sc. pyrite. |
| 444 | --- | --- | --- | --- | 1.5 | 10 | --- | --- | --- | 2 | Stream sediment. |
| 445 | <.5 | <200 | 100 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. hornfelsic vol. rock. |
| 446 | <.5 | <200 | 70 | 200 | --- | --- | <.1 | --- | --- | --- | Do. |
| 447 | <.5 | <200 | 15 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. bi. gn. cut by qtz. di. dikes. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Goodell Creek drainage--Continued | | | | | | |
| 448 | 0.5 | <200 | 15 | 300 | --- | --- | <0.1 | --- | --- | --- | Lim bl gneiss sc pyrite. |
| 449 | <.5 | <200 | 10 | 500 | --- | --- | <.1 | --- | --- | --- | Lim tuff and arg. w/pyrite. |
| 450 | <.5 | <200 | 70 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim tuff and brc. w/pyrite. |
| 451 | <.5 | <200 | 100 | 300 | --- | --- | .2 | --- | --- | --- | Panned concentrate. |
| 452 | --- | --- | --- | --- | 5 | 1 | --- | --- | --- | 20 | Stream sediment. |
| 453 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 15 | Do. |
| 454 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 7 | Do. |
| 455 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 100 | Do. |
| 456 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Do. |
| 457 | <.5 | <200 | 10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. bl.gn. cut by dike. |
| 458 | <.5 | <200 | 10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. bl.gn. w/pyrite. |
| 459 | <.5 | <200 | 5 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. di. dike. |
| 460 | .5 | <200 | 15 | 1,500 | --- | --- | .07 | --- | --- | --- | Lim. gn. boulders w/pyrh. |
| 461 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 7 | Stream sediment. |
| 462 | --- | --- | --- | --- | 10 | 3 | --- | --- | --- | 10 | Do. |
| 463 | --- | --- | --- | --- | 1 | 15 | --- | --- | --- | 2 | Do. |
| 464 | --- | --- | --- | --- | 1 | 3 | --- | --- | --- | 20 | Do. |
| 465 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | 20 | Do. |
| 466 | --- | --- | --- | --- | 15 | 7 | --- | --- | --- | 20 | Do. |
| 467 | <.5 | <200 | 200 | 300 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 468 | <.5 | <200 | 500 | 500 | --- | --- | .08 | --- | --- | --- | Lim. biotite gneiss. |
| 469 | <.5 | <200 | 500 | 300 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | East Fork Bacon Creek drainage | | | | | | |
| 470 | <.5 | <200 | 20 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim.qtz.di. w/qtz. veins. |
| 471 | <.5 | <200 | 70 | 300 | --- | --- | <.1 | --- | --- | --- | Lim. qtz. di. w/epidote. |
| 472 | .5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bl. hbd. qtz. di. |
| 473 | 1.5 | <200 | 15 | 300 | --- | --- | <.02 | --- | --- | --- | Do. |
| 474 | <.5 | <200 | 15 | 2,000 | --- | --- | <.02 | --- | --- | --- | Do. |
| 475 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 7 | Stream sediment. |
| 476 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 15 | Do. |
| 477 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 30 | Do. |
| 478 | --- | --- | --- | --- | 3 | 5 | --- | --- | --- | 50 | Do. |
| 479 | --- | --- | --- | --- | 3 | 5 | --- | --- | --- | 30 | Do. |
| 480 | --- | --- | --- | --- | 15 | 20 | --- | --- | --- | 50 | Do. |
| 481 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 10 | Do. |
| 482 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 15 | Do. |
| 483 | --- | --- | --- | --- | 3 | 1 | --- | --- | --- | 7 | Do. |
| 484 | --- | --- | --- | --- | 5 | 2 | --- | --- | --- | 10 | Do. |
| 485 | --- | --- | --- | --- | 7 | <1 | --- | --- | --- | 20 | Do. |
| 486 | --- | --- | --- | --- | 2 | <1 | --- | --- | --- | 10 | Do. |
| 487 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Do. |
| 488 | 15 | 1,000 | <5 | 700 | --- | --- | .1 | --- | --- | --- | Sh.lim. hbd.qtz. diorite. |
| 489 | --- | --- | --- | --- | 20 | 3 | --- | --- | --- | 15 | Stream sediment. |
| 490 | --- | --- | --- | --- | 5 | 1 | --- | --- | --- | 10 | Do. |
| 491 | --- | --- | --- | --- | 15 | <1 | --- | --- | --- | 10 | Do. |
| 492 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 7 | Do. |
| 493 | 5 | <200 | 30 | 70 | --- | --- | .2 | --- | --- | --- | Malachite-stained arkose. |
| 494 | <.5 | <200 | 1,000 | 500 | --- | --- | <.1 | --- | --- | --- | Sh.lim. ark. and arg. |
| 495 | .5 | <200 | 30 | 200 | --- | --- | <.1 | --- | --- | --- | Iron-stained grd. |
| 496 | --- | --- | --- | --- | 20 | 5 | --- | --- | --- | 10 | Stream sediment. |
| 497 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | <2 | Do. |
| 498 | <.5 | <200 | 70 | 500 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 499 | --- | --- | --- | --- | 3 | --- | 3 | --- | --- | 7 | Stream sediment. |
| 500 | <.5 | <200 | 500 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | Bacon Creek drainage | | | | | | |
| 501 | --- | --- | --- | --- | 1 | 10 | --- | --- | --- | <2 | Stream sediment. |
| 502 | --- | --- | --- | --- | 5 | 10 | --- | --- | --- | --- | Do. |
| 503 | --- | --- | --- | --- | 15 | 20 | --- | --- | --- | <2 | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Bacon Creek drainage--Continued | | | | | | |
| 504 | --- | --- | --- | --- | 2.0 | 7 | --- | --- | --- | 2 | Stream ediment. |
| 505 | --- | --- | --- | --- | 10 | 20 | --- | --- | --- | <2 | Do. |
| 506 | <0.5 | <200 | 200 | 30 | --- | --- | <0.1 | --- | --- | --- | Panned concentrate. |
| 507 | --- | --- | --- | --- | 1.5 | 7 | --- | --- | --- | --- | Stream sediment. |
| | | | | | Bacon Peak area | | | | | | |
| 508 | --- | --- | --- | --- | 30 | 100 | --- | --- | --- | 5 | Stream sediment. |
| 509 | --- | --- | --- | --- | 10 | 15 | --- | --- | --- | <2 | Do. |
| 510 | --- | --- | --- | --- | 15 | 30 | --- | --- | --- | 2 | Do. |
| 511 | --- | --- | --- | --- | 10 | 30 | --- | --- | --- | 2 | Do. |
| 512 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | <2 | Do. |
| 513 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | 3 | Do. |
| 514 | <.5 | <200 | 30 | 1,500 | --- | --- | .04 | --- | --- | --- | Lim. cgl., sc. pyrite. |
| 515 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | 7 | Stream sediment. |
| 516 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | 2 | Do. |
| 517 | --- | --- | --- | --- | 30 | 7 | --- | --- | --- | 3 | Do. |
| 518 | <.5 | <200 | 70 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. phy. w/qtz. lenses. |
| 519 | --- | --- | --- | --- | --- | --- | 0 | 2.0 | 0 | 0 | Lim. chlorite schist. |
| 520 | --- | --- | --- | --- | --- | --- | <.1 | <.05 | <3 | 0 | Do. |
| 521 | .7 | <200 | 15 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite, sc. pyrh. |
| 522 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | 2 | Stream sediment. |
| 523 | --- | --- | --- | --- | --- | --- | <.1 | <.05 | 0 | 0 | Lim. chl. schist; sc. py., pyrh. |
| 524 | <.5 | <200 | 100 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 525 | <.5 | <200 | 2,000 | 300 | --- | --- | <.1 | --- | --- | --- | Do. |
| 526 | <.5 | <200 | 2,000 | 300 | --- | --- | <.1 | --- | --- | --- | Do. |
| 527 | 2 | <200 | 50 | 2,000 | --- | --- | .1 | --- | --- | --- | Lim. qtz. dl. po.; abund. py., pyrh. |
| 528 | <.5 | <200 | 200 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 529 | <.5 | <200 | 200 | 1,500 | --- | --- | .4 | --- | --- | --- | Do. |
| 530 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |
| 531 | <.5 | <200 | 150 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. arkose, sc. py. |
| | | | | | Diobsud Creek drainage | | | | | | |
| 532 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | 5 | Stream sediment. |
| 533 | --- | --- | --- | --- | 15 | 2 | --- | --- | --- | 2 | Do. |
| 534 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 5 | Do. |
| 535 | --- | --- | --- | --- | 7 | 30 | --- | --- | --- | <2 | Do. |
| 536 | --- | --- | --- | --- | 5 | 10 | --- | --- | --- | 2 | Do. |
| 537 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | <2 | Do. |
| | | | | | Noisy Creek drainage | | | | | | |
| 538 | <.5 | <200 | 150 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. plag. por.; sc. pyrh. |
| 539 | <.5 | <200 | 200 | 1,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 540 | .5 | <200 | 200 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. phy. w/qtz. lenses, sc. py. |
| 541 | <.5 | <200 | 200 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. greenschist. |
| 542 | --- | --- | --- | --- | 15 | 10 | --- | --- | --- | 3 | Stream sediment. |
| 543 | <.5 | <200 | 500 | 150 | --- | --- | <.1 | --- | --- | --- | Brc. sil. green sch., sc. py. |
| 544 | --- | --- | --- | --- | 5 | 10 | --- | --- | --- | <2 | Stream sediment. |
| 545 | <.5 | <200 | 700 | 50 | --- | --- | .3 | --- | --- | --- | Lim. green schist. |
| 546 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 2 | Stream sediment. |
| 547 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 2 | Do. |
| 548 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | 5 | Do. |
| 549 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 5 | Do. |
| 550 | --- | --- | --- | --- | 20 | 30 | --- | --- | --- | <2 | Do. |
| 551 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | <2 | Do. |
| | | | | | Hidden Creek drainage | | | | | | |
| 552 | <.5 | <200 | 500 | 1,500 | --- | --- | .04 | --- | --- | --- | Iron-stained arkose. |
| 553 | <.5 | <200 | 300 | 500 | --- | --- | <.05 | --- | --- | --- | Panned concentrate. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Blum Creek drainage** | | | | | | |
| 554 | 0.05 | <200 | <5 | 3,000 | --- | --- | <0.02 | --- | --- | --- | Phyllite, local lim, sc. py. |
| 555 | --- | --- | --- | --- | 7.0 | 3 | --- | --- | --- | 7 | Stream sediment. |
| 556 | ---- | --- | --- | --- | 7 | 1 | --- | --- | --- | 3 | Do. |
| 557 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 20 | Do. |
| 558 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 3 | Do. |
| 559 | <.5 | <200 | 7 | 700 | --- | --- | .02 | --- | --- | --- | Bi.qtz.di, lim.on joints. |
| 560 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | 10 | Stream sediment. |
| 561 | --- | --- | --- | --- | 5 | 10 | --- | --- | --- | <2 | Do. |
| 562 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 5 | Do. |
| | | | | | **Scramble Creek drainage** | | | | | | |
| 563 | .5 | <200 | 15 | 1,500 | --- | --- | <.02 | --- | --- | -- | Lim. qtz. di. boulders. |
| 564 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 10 | Stream sediment. |
| 565 | <.5 | <200 | 30 | 700 | --- | --- | .03 | --- | --- | --- | Lim. qtz. diorite. |
| 566 | --- | --- | --- | --- | 10 | 3 | --- | --- | --- | 20 | Stream sediment. |
| 567 | <.5 | <200 | 50 | 500 | --- | --- | <.02 | --- | --- | --- | Alaskite, qtz. di. brc.; sc. py. |
| 568 | .5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Qtz.di., alaskite, w/pyrite. |
| 569 | 2 | <200 | <10 | 1,500 | --- | --- | <.1 | --- | --- | --- | Lim. grd.; sc. py. |
| | | | | | **Lonesome Creek drainage** | | | | | | |
| 570 | <.5 | <200 | 300 | 300 | --- | --- | <.02 | --- | --- | --- | Shear zone in grd. |
| 571 | <.5 | <200 | <5 | 500 | --- | --- | <.02 | --- | --- | --- | Limonitic granodiorite. |
| 572 | <.5 | <200 | 5 | 300 | --- | --- | <.02 | --- | --- | --- | Bi. grd., lim. joints. |
| 573 | --- | --- | --- | --- | 1 | 3 | --- | --- | --- | 10 | Stream sediment. |
| 574 | --- | --- | --- | --- | 3 | 5 | --- | --- | --- | 10 | Do. |
| 575 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 7 | Do. |
| 576 | --- | --- | --- | --- | 2 | <1 | --- | --- | --- | 20 | Do. |
| 577 | --- | --- | --- | --- | .5 | <1 | --- | --- | --- | 50 | Do. |
| 578 | <.5 | <200 | 200 | 150 | --- | --- | 22 | --- | --- | --- | Panned concentrate. |
| 579 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 10 | Stream sediment. |
| 580 | <.5 | <200 | <10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Grd; lim. on joints. |
| 581 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 10 | Stream sediment. |
| 582 | --- | --- | --- | --- | 3 | 1 | --- | --- | --- | 10 | Do. |
| 583 | --- | --- | --- | --- | 3 | <1 | --- | --- | --- | 15 | Do. |
| 584 | <.5 | <200 | <10 | 1,500 | --- | --- | <.1 | --- | --- | --- | Grd; lim. on joints. |
| 585 | --- | --- | --- | --- | 3 | <1 | --- | --- | --- | 10 | Stream sediment. |
| | | | | | **Bald Eagle Creek drainage** | | | | | | |
| 586 | --- | --- | --- | --- | 7 | <1 | --- | --- | --- | 10 | Do. |
| 587 | --- | --- | --- | --- | 7 | .1 | --- | --- | --- | 7 | Do. |
| 588 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 10 | Do. |
| 589 | --- | --- | --- | --- | 3 | 1 | --- | --- | --- | 10 | Do. |
| 590 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 10 | Do. |
| 591 | --- | --- | --- | --- | 15 | 2 | --- | --- | --- | --- | Do. |
| 592 | <.5 | <200 | 150 | 150 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |
| 593 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 15 | Stream sediment. |
| 594 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | --- | Do. |
| 595 | <.5 | <200 | <10 | 1,000 | --- | --- | <.1 | --- | --- | --- | Lim. bi. gneiss. |
| 596 | <.5 | <200 | <10 | 700 | --- | --- | .1 | --- | --- | --- | Do. |
| 597 | <.5 | <200 | 200 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 598 | <.5 | <200 | 500 | 70 | --- | --- | <.05 | --- | --- | --- | Do. |
| | | | | | **Picket Creek drainage** | | | | | | |
| 599 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | <2 | Stream sediment. |
| 600 | 1.5 | <200 | <10 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. bi. gneiss. |
| 601 | 20 | >10,000 | <10 | 150 | --- | --- | 1 | --- | --- | --- | Qtz. vein and lim. gneiss. |
| 602 | 200 | >10,000 | <10 | <20 | --- | --- | .20 | --- | --- | --- | Four-inch qtz. vein. |
| 603 | --- | >10,000 | 5 | 30 | --- | --- | 4.2 | 100 | 10,000 | --- | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Picket Creek drainage--Continued | | | | | | |
| 604 | 20.0 | >10,000 | 10 | 70 | --- | --- | <0.1 | --- | --- | --- | Three-inch qtz. vein. |
| 605 | --- | 7,000 | <5 | 150 | --- | --- | .06 | 3.0 | 420 | --- | Do. |
| 606 | --- | >10,000 | <5 | 70 | --- | --- | 1.2 | 17 | 300 | --- | Five-inch qtz. vein. |
| 607 | --- | --- | --- | --- | 5.0 | 7 | --- | --- | --- | <2 | Stream sediment. |
| 608 | --- | --- | --- | --- | 5 | 15 | --- | --- | --- | --- | Do. |
| 609 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 7 | Do. |
| 610 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | 10 | Do. |
| 611 | 100 | 200 | 10 | 200 | --- | --- | <.1 | --- | --- | --- | Two-inch lim. zone. |
| 612 | --- | --- | --- | --- | 15 | 7 | --- | --- | --- | 5 | Stream sediment. |
| 613 | --- | --- | --- | --- | 30 | 30 | --- | --- | --- | 5 | Do. |
| 614 | --- | --- | --- | --- | 7 | 30 | --- | --- | --- | 2 | Do. |
| 615 | <.5 | <200 | 1,000 | 200 | --- | --- | .2 | --- | --- | --- | Panned concentrate. |
| | | | | | Pass Creek drainage (drains into Baker River) | | | | | | |
| 616 | --- | --- | --- | --- | 10 | <1 | --- | --- | --- | 2 | Stream sediment. |
| 617 | <.5 | <200 | 7 | 300 | --- | --- | <.02 | --- | --- | --- | Sh. tuff, sc. green stain. |
| 618 | <.5 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Lim tuff and alaskite, sc py. |
| 619 | <.5 | <200 | 50 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. vol. rock. |
| 620 | <.5 | <200 | 10 | 5,000 | --- | --- | <.02 | --- | --- | --- | Lim. sil. aplite w/py. |
| 621 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 5 | Stream sediment. |
| 622 | --- | --- | --- | --- | 10 | 3 | --- | --- | --- | 3 | Do. |
| 623 | <.5 | <200 | 500 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | Crystal Creek drainage | | | | | | |
| 624 | 1 | <200 | <5 | 700 | --- | --- | .02 | --- | --- | --- | Lim. plag. po. flow. |
| 625 | <.5 | <200 | <5 | 1,500 | --- | --- | <.02 | --- | --- | --- | Coarse lim. vol. brc. |
| 626 | --- | --- | --- | --- | 10 | <1 | --- | --- | --- | <2 | Stream sediment. |
| 627 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | <2 | Do. |
| 628 | --- | --- | --- | --- | 20 | 1 | --- | --- | --- | <2 | Do. |
| 629 | --- | --- | --- | --- | 20 | 1 | --- | --- | --- | <2 | Do. |
| 630 | --- | --- | --- | --- | 30 | <1 | --- | --- | --- | <2 | Do. |
| 631 | --- | --- | --- | --- | 1 | 2 | --- | --- | --- | 7 | Do. |
| 632 | 1.5 | <200 | 700 | 70 | --- | --- | .3 | --- | --- | --- | Panned concentrate. |
| 633 | <.5 | <200 | 700 | 300 | --- | --- | <.1 | --- | --- | --- | Do. |
| 634 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- | Stream sediment |
| 635 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | 2 | Do. |
| 636 | <.5 | <200 | 500 | 150 | --- | --- | <.06 | --- | --- | --- | Panned concentrate. |
| | | | | | Sulphide Creek drainage | | | | | | |
| 637 | <.5 | <200 | 30 | 200 | --- | --- | <.02 | --- | --- | --- | Quartz vein. |
| 638 | <.5 | <200 | 300 | 1,000 | --- | --- | <.02 | --- | --- | --- | Iron-stained phyllite. |
| 639 | 1.5 | 300 | 300 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 640 | 1.5 | <200 | 20 | 700 | --- | --- | .02 | --- | --- | --- | Iron-stained qtz.di.; sc. py. |
| 641 | --- | --- | --- | --- | --- | --- | 0 | <.05 | <3 | 0 | Do. |
| 642 | 1.5 | <200 | 30 | 700 | --- | --- | .02 | --- | --- | --- | Iron-stained qtz. diorite. |
| 643 | --- | --- | --- | --- | --- | --- | 0 | 9 | 500 | 0 | Qtz. vein, sc. pyrite. |
| 644 | --- | --- | --- | --- | --- | --- | 0 | 9 | 0 | 0 | Iron-stained qtz. diorite. |
| 645 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Qtz. diorite, minor pyrite. |
| 646 | --- | --- | --- | --- | --- | --- | 10 | <.05 | 0 | 0 | Sh. qtz. di., abund. pyrite. |
| 647 | --- | --- | --- | --- | --- | --- | <.05 | <.05 | 0 | 0 | Phyllite, abund. pyrite. |
| 648 | --- | --- | --- | --- | --- | --- | <.05 | 0 | 0 | 0 | Limonitic phyllite. |
| 649 | --- | --- | --- | --- | --- | --- | <.05 | 0 | 0 | 0 | Quartz vein. |
| 650 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Manganese-rich vein. |
| 651 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 652 | --- | --- | --- | --- | --- | --- | <.05 | <.05 | 0 | 0 | Qtz diorite, sc. pyrite. |
| 653 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 200 | Do. |
| 654 | --- | --- | --- | --- | --- | --- | <.05 | 2 | 0 | 0 | Sil. phyllite. |
| 655 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |
| 656 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sulphide Creek drainage--Continued | | | | | | |
| 657 | --- | --- | --- | --- | --- | --- | <0.05 | 10.0 | 0 | 0 | Phyllite with pyrite veinlet. |
| 658 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Green schist, sc. pyrite. |
| 659 | --- | --- | --- | --- | --- | --- | 0 | 0 | <3 | <3 | Green sch. and dike, sc. py. |
| 660 | 0.5 | <200 | 200 | 500 | --- | --- | .05 | --- | --- | --- | Green sch. w/py., pyrh. |
| 661 | --- | --- | --- | --- | 7.0 | 15 | --- | --- | --- | <2 | Stream sediment. |
| 662 | <.5 | <200 | 70 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. phy. sc. py., pyrh. |
| 663 | --- | --- | --- | --- | 50 | 70 | --- | --- | --- | 5 | Stream sediment. |
| 664 | --- | --- | --- | --- | 5 | 20 | --- | --- | --- | 2 | Do. |
| 665 | --- | --- | --- | --- | 7 | 15 | --- | --- | --- | 2 | Do. |
| 666 | --- | --- | --- | --- | 15 | 15 | --- | --- | --- | <2 | Do. |
| 667 | <.5 | <200 | 500 | 15 | --- | --- | <.02 | --- | --- | --- | Lim. green sch.sc. py., pyrh. |
| 668 | 2 | <200 | 300 | 20 | --- | --- | <.02 | --- | --- | --- | Do. |
| 669 | .7 | <200 | 300 | 30 | --- | --- | <.02 | --- | --- | --- | Lim. green schist. |
| 670 | <.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Limonitic phyllite. |
| 671 | <.5 | <200 | 150 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 672 | <.5 | <200 | 5 | 15 | --- | --- | <.02 | --- | --- | --- | Qtz. veins in phyllite. |
| 673 | <.5 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. grd, sc. pyrite. |
| 674 | <.5 | <200 | 700 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. green sch. and phyllite. |
| 675 | --- | --- | --- | --- | --- | --- | <.05 | 3 | 0 | 0 | Qtz. di. contact zone. |
| 676 | 1.5 | <200 | 300 | 150 | --- | --- | <.02 | --- | --- | --- | Brc. zone in green schist. |
| 677 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Qtz. di. contact zone. |
| 678 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |
| 679 | .5 | <200 | 500 | 70 | --- | --- | <.02 | --- | --- | --- | Lim. greenschist. |
| 680 | .7 | <200 | 700 | 300 | --- | --- | <.02 | --- | --- | --- | Do. |
| 681 | --- | --- | --- | --- | --- | --- | 0 | <.05 | <3 | 0 | Qtz. veins in phy.; sc. py. |
| 682 | --- | --- | --- | --- | 30 | 20 | --- | --- | --- | 20 | Stream sediment. |
| 683 | --- | --- | --- | --- | 7 | 10 | --- | --- | --- | 100 | Do. |
| 684 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 7 | Do. |
| 685 | --- | --- | --- | --- | 15 | 30 | --- | --- | --- | 30 | Do. |
| 686 | <.5 | <200 | 700 | 150 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 687 | --- | --- | --- | --- | 15 | 3 | --- | --- | --- | --- | Stream sediment. |
| 688 | --- | --- | --- | --- | 30 | 1 | --- | --- | --- | --- | Do. |
| 689 | --- | --- | --- | --- | 15 | 2 | --- | --- | --- | --- | Do. |
| 690 | --- | --- | --- | --- | 30 | 1 | --- | --- | --- | --- | Do. |
| 691 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | --- | Do. |
| 692 | --- | --- | --- | --- | 20 | 1 | --- | --- | --- | --- | Do. |
| 693 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Phyllite. |
| 694 | --- | --- | --- | --- | 7 | 10 | --- | --- | --- | <2 | Stream sediment. |
| | | | | | Baker River drainage | | | | | | |
| 695 | --- | --- | --- | --- | 3 | 5 | --- | --- | --- | 7 | Do. |
| 696 | <.5 | <200 | 500 | 100 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 697 | <.5 | <200 | <5 | 300 | --- | --- | <.02 | --- | --- | --- | Lim aplite; sc. pyrite. |
| 698 | <.5 | <200 | 500 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 699 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 20 | Stream sediment. |
| 700 | --- | --- | --- | --- | 15 | 3 | --- | --- | --- | 20 | Do. |
| 701 | --- | --- | --- | --- | --- | --- | 0 | <.5 | 0 | 0 | Quartz diorite. |
| 702 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Iron-stained alaskite. |
| 703 | --- | --- | --- | --- | 15 | 7 | --- | --- | --- | 10 | Stream sediment. |
| 704 | --- | --- | --- | --- | 30 | 15 | --- | --- | --- | 2 | Do. |
| 705 | <.5 | <200 | 500 | 70 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| | | | | | Shuksan Creek drainage | | | | | | |
| 706 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 5 | Stream sediment. |
| 707 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | 2 | Do. |
| 708 | --- | --- | --- | --- | 2 | 10 | --- | --- | --- | <2 | Do. |
| 709 | --- | --- | --- | --- | 20 | 70 | --- | --- | --- | 15 | Do. |
| 710 | --- | --- | --- | --- | 15 | 7 | --- | --- | --- | 3 | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Shuksan Creek drainage--Continued | | | | | | |
| 711 | --- | --- | --- | --- | 7.0 | 2 | --- | --- | --- | --- | Stream sediment. |
| 712 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | --- | Do. |
| 713 | <0.5 | <200 | 50 | 1,000 | --- | --- | <0.02 | --- | --- | --- | Lim. quartz diorite. |
| 714 | <.5 | <200 | 500 | 700 | --- | --- | <.01 | --- | --- | --- | Limonitic hornfels. |
| 715 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | --- | Stream sediment. |
| 716 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 3 | Do. |
| 717 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 5 | Do. |
| 718 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 3 | Do. |
| 719 | <.5 | <200 | 70 | 1,000 | --- | --- | .05 | --- | --- | --- | Lim. green schist. |
| 720 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 2 | Stream sediment. |
| 721 | <.5 | <200 | 30 | 500 | --- | --- | .10 | --- | --- | --- | Lim. green schist. |
| 722 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 20 | Stream sediment. |
| 723 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 3 | Do. |
| | | | | | Depot Creek drainage | | | | | | |
| 724 | <.5 | <200 | 50 | 700 | --- | --- | <.1 | --- | --- | --- | Lim. volcanic rock. |
| 725 | <.5 | <200 | 50 | 2,000 | --- | --- | <.1 | --- | --- | --- | Do. |
| 726 | <.5 | <200 | 150 | 2,000 | --- | --- | <.1 | --- | --- | --- | Lim. quartz diorite. |
| 727 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | 20 | Stream sediment. |
| 728 | <.5 | <200 | 30 | 200 | --- | --- | <.02 | --- | --- | --- | Lim. vol. rock. |
| 729 | <.5 | <200 | 10 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 730 | <.5 | <200 | 20 | 300 | --- | --- | <.02 | --- | --- | --- | Do. |
| 731 | 1 | <200 | 5 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. vol. rock w/pyrh. |
| 732 | --- | --- | --- | --- | 15 | 50 | --- | --- | --- | --- | Stream sediment. |
| 733 | --- | --- | --- | --- | 200 | 500 | --- | --- | --- | --- | Do. |
| 734 | --- | --- | --- | --- | 20 | 100 | --- | --- | --- | --- | Do. |
| 735 | <.5 | <200 | 1,000 | 150 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |
| 736 | --- | --- | --- | --- | 7 | 30 | --- | --- | --- | 7 | Stream sediment. |
| 737 | --- | --- | --- | --- | 15 | 30 | --- | --- | --- | --- | Do. |
| 738 | --- | --- | --- | --- | 10 | 20 | --- | --- | --- | --- | Do. |
| 739 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Do. |
| 740 | 2 | <200 | 200 | 1,000 | --- | --- | .05 | --- | --- | --- | Lim. biotite gneiss. |
| 741 | <.5 | <200 | 50 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 742 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 15 | Stream sediment. |
| 743 | <.5 | <200 | 30 | 500 | --- | --- | .02 | --- | --- | --- | Lim. biotite gneiss. |
| 744 | --- | --- | --- | --- | 27 | 3 | --- | --- | --- | --- | Stream sediment. |
| 745 | --- | --- | --- | --- | 7 | 2 | --- | --- | --- | --- | Do. |
| 746 | <.5 | <200 | 15 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. biotite gneiss. |
| 747 | <.5 | <200 | 7 | 1,500 | --- | --- | .02 | --- | --- | --- | Dark dike with pyrite. |
| 748 | .7 | 200 | 5 | 150 | --- | --- | .03 | --- | --- | --- | Lim. bi. gneiss. |
| 749 | <.5 | <200 | 150 | 300 | --- | --- | .03 | --- | --- | --- | Lim. qtz. diorite gneiss. |
| 750 | <.5 | <200 | 70 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. hornblende gneiss. |
| 751 | <.5 | <200 | 30 | 200 | --- | --- | <.02 | --- | --- | --- | Lim. bi. and hbd. gneiss, sc. py. |
| | | | | | Bear Creek drainage | | | | | | |
| 752 | <.5 | <200 | 300 | 100 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |
| 753 | --- | --- | --- | --- | 7 | 2 | --- | --- | --- | 10 | Stream sediment. |
| 754 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Limonitic quartz diorite. |
| 755 | <.5 | <200 | 15 | 1,500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 756 | <.5 | <200 | 10 | 700 | --- | --- | .04 | --- | --- | --- | Do. |
| 757 | --- | --- | --- | --- | .5 | 1 | --- | --- | --- | 7 | Stream sediment. |
| 758 | --- | --- | --- | --- | 2 | 10 | --- | --- | --- | 10 | Do. |
| 759 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | 10 | Do. |
| 760 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | --- | Do. |
| 761 | <.5 | <200 | 10 | 200 | --- | --- | <.02 | --- | --- | --- | Lim. sh. qtz. diorite. |
| 762 | --- | --- | --- | --- | 20 | 70 | --- | --- | --- | --- | Stream sediment. |
| 763 | --- | --- | --- | --- | --- | --- | <.02 | --- | --- | 40 | Two-inch quartz vein. |
| 764 | 7 | <200 | 7 | 1,500 | --- | --- | .04 | --- | --- | --- | Slightly lim. qtz. diorite. |
| 765 | <.5 | <200 | 200 | 500 | --- | --- | <.1 | --- | --- | --- | Lim. banded bi. gneiss. |
| 766 | <.5 | <200 | 150 | 200 | --- | --- | <.1 | --- | --- | --- | Lim. hbd. gneiss. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Bear Creek drainage--Continued | | | | | | |
| 767 | --- | --- | --- | --- | 2.0 | 5 | --- | --- | --- | 10 | Stream sediment. |
| 768 | --- | --- | --- | --- | 2 | 10 | --- | --- | --- | 15 | Do. |
| 769 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 10 | Do. |
| 770 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | 50 | Do. |
| 771 | --- | --- | --- | --- | 2 | 20 | --- | --- | --- | 20 | Do. |
| 772 | 1.5 | <200 | 7 | 500 | --- | --- | <0.02 | --- | --- | --- | Lim. qtz. di. small qtz. veins. |
| 773 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. qtz. diorite. |
| 774 | <.5 | <200 | 10 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 775 | .5 | <200 | <5 | 30 | --- | --- | <.02 | --- | --- | --- | Small quartz vein. |
| 776 | --- | --- | --- | --- | 7 | 10 | --- | --- | --- | 100 | Stream sediment. |
| 777 | .7 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. qtz. diorite. |
| 778 | <.5 | <200 | <5 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 779 | <.5 | <200 | 10 | 300 | --- | --- | <.02 | --- | --- | --- | Dk.green dike; qtz. vein. |
| 780 | <.5 | <200 | 7 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. qtz. diorite. |
| 781 | 1 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 782 | .7 | <200 | 15 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 783 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Stream sediment. |
| 784 | --- | --- | --- | --- | 15 | 20 | --- | --- | --- | --- | Do. |
| 785 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | --- | Do. |
| 786 | --- | --- | --- | --- | 10 | 30 | --- | --- | --- | --- | Do. |
| 787 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Do. |
| 788 | --- | --- | --- | --- | 2 | 15 | --- | --- | --- | --- | Do. |
| | | | | | Indian Creek drainage | | | | | | |
| 789 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Do. |
| 790 | <.5 | <200 | 500 | 70 | --- | --- | .04 | --- | --- | --- | Panned concentrate. |
| 791 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 15 | Stream sediment. |
| 792 | --- | --- | --- | --- | 1 | 5 | --- | --- | --- | 15 | Do. |
| 793 | <.5 | <200 | 500 | 150 | --- | --- | .06 | --- | --- | --- | Panned concentrate. |
| 794 | 30 | 300 | 10 | 300 | --- | --- | .05 | --- | --- | --- | Sheared lim. granodiorite. |
| 795 | 7 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 796 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | 10 | Stream sediment. |
| 797 | <.5 | <200 | 7 | 1,500 | --- | --- | <.02 | --- | --- | --- | Lim. bl. granodiorite. |
| 798 | --- | --- | --- | --- | 15 | 50 | --- | --- | --- | 10 | Stream sediment. |
| 799 | <.5 | <200 | <5 | 1,500 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite. |
| 800 | <.5 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 801 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 802 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 5 | Stream sediment. |
| 803 | 1 | <200 | 15 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. sh. granodiorite. |
| 804 | .5 | <200 | 5 | 200 | --- | --- | <.02 | --- | --- | --- | Do. |
| 805 | --- | --- | --- | --- | 20 | 70 | --- | --- | --- | 3 | Stream sediment. |
| 806 | --- | --- | --- | --- | 5 | 20 | --- | --- | --- | 20 | Do. |
| 807 | --- | --- | --- | --- | 7 | 10 | --- | --- | --- | 3 | Do. |
| 808 | <.5 | <200 | 500 | 70 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |
| 809 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 10 | Stream sediment. |
| 810 | --- | --- | --- | --- | 3 | 15 | --- | --- | --- | 7 | Do. |
| 811 | --- | --- | --- | --- | 7 | 30 | --- | --- | --- | 20 | Do. |
| 812 | --- | --- | --- | --- | 1 | 7 | --- | --- | --- | 7 | Do. |
| 813 | 2 | <200 | 30 | 2,000 | --- | --- | .09 | --- | --- | --- | Lim.sil.granodiorite; w/py. |
| 814 | 15 | <200 | 5 | 300 | --- | --- | 3.41 | --- | --- | --- | Do. |
| 815 | <.5 | <200 | 5 | 500 | --- | --- | <.02 | --- | --- | --- | Lim.po. dike; sc. py. |
| 816 | .7 | <200 | 15 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. sil. granodiorite. |
| 817 | <.5 | <200 | 200 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. po. dike. |
| 818 | --- | --- | --- | --- | 5 | 15 | --- | --- | --- | 20 | Stream sediment. |
| 819 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 15 | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Brush Creek drainage | | | | | | |
| 820 | <0.5 | <200 | 30 | 700 | --- | --- | 0.02 | --- | --- | --- | Lim. qtz. diorite. |
| 821 | --- | --- | --- | --- | 2.0 | 7 | --- | --- | --- | 30 | Stream sediment. |
| 822 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | --- | Do. |
| 823 | <.5 | <200 | 500 | 70 | --- | --- | <.5 | --- | --- | --- | Panned concentrate. |
| 824 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 15 | Stream sediment. |
| 825 | --- | --- | --- | --- | 5 | 7 | --- | --- | --- | 15 | Do. |
| 826 | --- | --- | --- | --- | 1 | <1 | --- | --- | --- | 10 | Do. |
| 827 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 10 | Do. |
| 828 | --- | --- | --- | --- | 2 | 5 | --- | --- | --- | 10 | Do. |
| 829 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 20 | Do. |
| 830 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Do. |
| 831 | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 15 | Do. |
| 832 | --- | --- | --- | --- | 10 | 2 | --- | --- | --- | --- | Do. |
| 833 | <.5 | <200 | 300 | 150 | --- | --- | <.2 | --- | --- | --- | Panned concentrate. |
| 834 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | --- | Stream sediment. |
| 835 | --- | --- | --- | --- | 20 | 3 | --- | --- | --- | 5 | Do. |
| 836 | <.5 | <200 | 700 | 150 | --- | --- | 2.9 | --- | --- | --- | Panned concentrate. |
| | | | | | Easy Creek | | | | | | |
| 837 | --- | --- | --- | --- | 7 | 5 | --- | --- | --- | 20 | Stream sediment. |
| 838 | --- | --- | --- | --- | --- | --- | 0 | 2.0 | 0 | 0 | Lim. qtz. diorite, sc. py. |
| 839 | --- | --- | --- | --- | 5 | 3 | --- | --- | --- | 15 | Stream sediment. |
| 840 | --- | --- | --- | --- | --- | --- | <.05 | <.05 | <3 | 0 | Lim. qtz. diorite, sc. py. |
| 841 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 10 | Stream sediment. |
| 842 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | 10 | Do. |
| 843 | --- | --- | --- | --- | 1 | 10 | --- | --- | --- | 10 | Do. |
| 844 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Lim. qtz. diorite. |
| 845 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Lim. qtz. di., sc. py. |
| 846 | <.5 | <200 | 700 | 150 | --- | --- | <.6 | --- | --- | --- | Panned concentrate. |
| | | | | | Easy Ridge | | | | | | |
| 847 | <.5 | <200 | 15 | 500 | --- | --- | <.02 | --- | --- | --- | Sil. py. zone w/diorite. |
| 848 | <.5 | <200 | 5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di., sc. py. |
| 849 | <.5 | <200 | <5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite. |
| 850 | <.5 | <200 | 10 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite, sc. py. |
| 851 | <.5 | <200 | 5 | 1,000 | --- | --- | .03 | --- | --- | --- | Lim. py. qtz. diorite. |
| 852 | .7 | <200 | 5 | 150 | --- | --- | .03 | --- | --- | --- | Sil. alaskite w/pyrite vein. |
| 853 | <.5 | <200 | 5 | 700 | --- | --- | .03 | --- | --- | --- | Sil. alaskite, sc. py. |
| 854 | .7 | 300 | 10 | 300 | --- | --- | <.02 | --- | --- | --- | Sil. hbd. diorite, sc. py. |
| 855 | <.5 | <200 | 15 | 1,000 | --- | --- | <.02 | --- | --- | --- | Alaskite, sc. pyrite. |
| 856 | 1 | <200 | 20 | 1,000 | --- | --- | .03 | --- | --- | --- | Sil. grd.; py. veinlets. |
| 857 | .7 | <200 | 30 | 700 | --- | --- | .05 | --- | --- | --- | Do. |
| 858 | 3 | <200 | 30 | 1,000 | --- | --- | .05 | --- | --- | --- | Do. |
| 859 | .7 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 860 | <.5 | <200 | 15 | 1,500 | --- | --- | <.02 | --- | --- | --- | Do. |
| | | | | | Little Fork of the Chilliwack River drainage | | | | | | |
| 861 | --- | --- | --- | --- | 2 | <1 | --- | --- | --- | 20 | Stream sediment. |
| 862 | --- | --- | --- | --- | 2 | <1 | --- | --- | --- | 10 | Do. |
| 863 | --- | --- | --- | --- | 2 | <1 | --- | --- | --- | 30 | Do. |
| 864 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | 10 | Do. |
| 865 | --- | --- | --- | --- | .5 | 1 | --- | --- | --- | 7 | Do. |
| 866 | <.5 | <200 | 7 | 700 | --- | --- | .04 | --- | --- | --- | Qtz. diorite, sc. pyrite. |
| 867 | <.5 | <200 | 5 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 868 | <.5 | <200 | 15 | 1,500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 869 | --- | --- | --- | --- | 200 | 500 | --- | --- | --- | 30 | Stream sediment. |
| 870 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 20 | Do. |
| 871 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | 20 | Do. |
| 872 | <.5 | <200 | 500 | 150 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |
| 873 | --- | --- | --- | --- | 15 | 20 | --- | --- | --- | 10 | Stream sediment. |
| 874 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 15 | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Little Chilliwack River drainage | | | | | | |
| 875 | <0.5 | <200 | 5 | 700 | --- | --- | <0.02 | --- | --- | --- | Lim. biotite hornfels. |
| 876 | 7 | <200 | <5 | 700 | --- | --- | .04 | --- | --- | --- | Do. |
| 877 | 1.5 | <200 | 5 | 700 | --- | --- | .02 | --- | --- | --- | Do. |
| 878 | <.5 | <200 | 5 | 1,500 | --- | --- | .03 | --- | --- | --- | Do. |
| 879 | <.5 | <200 | <5 | 1,500 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 880 | <.5 | <200 | 7 | 1,000 | --- | --- | .02 | --- | --- | --- | Lim. hornfels. |
| 881 | <.5 | <200 | 10 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sil. quartz diorite. |
| 882 | <.5 | <200 | 5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. gneiss. |
| 883 | <.5 | <200 | <5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 884 | <.5 | <200 | 15 | 70 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. qtz. diorite. |
| 885 | <.5 | <200 | 30 | 70 | --- | --- | <.02 | --- | --- | --- | Do. |
| 886 | --- | --- | --- | --- | 7 | 2 | --- | --- | --- | --- | Stream sediment. |
| 887 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. qtz. diorite. |
| 888 | --- | --- | --- | --- | 5 | 10 | --- | --- | --- | --- | Stream sediment. |
| 889 | <.5 | <200 | 500 | 70 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |
| | | | | | Chilliwack River drainage | | | | | | |
| 890 | --- | --- | --- | --- | 1 | <1 | --- | --- | --- | 10 | Stream sediment. |
| 891 | <.5 | <200 | 700 | 100 | --- | --- | <.06 | --- | --- | --- | Panned concentrate. |
| 892 | --- | --- | --- | --- | 3 | 7 | --- | --- | --- | 7 | Stream sediment. |
| 893 | 1 | <200 | 15 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite. |
| 894 | <.5 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. qtz. di. gneiss. |
| 895 | <.5 | <200 | 150 | 300 | --- | --- | .02 | --- | --- | --- | Lim. banded bi. and hbd. gneiss. |
| 896 | <.5 | <200 | 200 | 100 | --- | --- | <.02 | --- | --- | --- | Banded hbd. gneiss; qtz. pods. |
| 897 | .7 | <200 | 150 | 150 | --- | --- | .04 | --- | --- | --- | Gouge in banded hbd. gneiss. |
| 898 | 3 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. hbd. gneiss. |
| 899 | --- | --- | --- | --- | 1 | 3 | --- | --- | --- | 7 | Stream sediment. |
| 900 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 7 | Do. |
| 901 | <.5 | <200 | 70 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. bi. gneiss. |
| 902 | <.5 | <200 | 70 | 200 | --- | --- | <.02 | --- | --- | --- | Do. |
| 903 | <.5 | <200 | 70 | 200 | --- | --- | <.02 | --- | --- | --- | Do. |
| 904 | <.5 | <200 | 70 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. bi. and hbd. gneiss. |
| 905 | --- | --- | --- | --- | 5 | 15 | --- | --- | --- | --- | Stream sediment. |
| 906 | <.5 | <200 | 200 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bi. and hbd. gneiss. |
| 907 | --- | --- | --- | --- | 3 | 20 | --- | --- | --- | --- | Stream sediment. |
| 908 | --- | --- | --- | --- | 5 | 15 | --- | --- | --- | 5 | Do. |
| 909 | --- | --- | --- | --- | 7 | 20 | --- | --- | --- | 7 | Do. |
| 910 | --- | --- | --- | --- | 1 | 7 | --- | --- | --- | 10 | Do. |
| 911 | --- | --- | --- | --- | 3 | 20 | --- | --- | --- | --- | Do. |
| 912 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Do. |
| 913 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Do. |
| 914 | --- | --- | --- | --- | 15 | 70 | --- | --- | --- | 70 | Do. |
| 915 | --- | --- | --- | --- | 15 | 2 | --- | --- | --- | 50 | Do. |
| 916 | --- | --- | --- | --- | 10 | 15 | --- | --- | --- | --- | Do. |
| 917 | --- | --- | --- | --- | 100 | 200 | --- | --- | --- | --- | Do. |
| 918 | --- | --- | --- | --- | 15 | 30 | --- | --- | --- | --- | Do. |
| 919 | --- | --- | --- | --- | 7 | 50 | --- | --- | --- | 10 | Do. |
| 920 | --- | --- | --- | --- | 1 | 2 | --- | --- | --- | 7 | Do. |
| 921 | <.5 | <200 | 300 | 100 | --- | --- | .06 | --- | --- | --- | Panned concentrate. |
| 922 | --- | --- | --- | --- | 10 | <1 | --- | --- | --- | --- | Stream sediment. |
| 923 | --- | --- | --- | --- | 20 | 3 | --- | --- | --- | --- | Do. |
| 924 | --- | --- | --- | --- | 20 | 3 | --- | --- | --- | --- | Do. |
| 925 | 3 | <200 | 15 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. diorite, sc. py. |
| 926 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Lim. breccia. |
| 927 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 928 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | 7 | Stream sediment. |
| 929 | --- | --- | --- | --- | 70 | <1 | --- | --- | --- | 5 | Do. |
| 930 | --- | --- | --- | --- | 20 | 2 | --- | --- | --- | --- | Do. |
| 931 | <.5 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. qtz. diorite. |
| 932 | <.5 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 933 | --- | --- | --- | --- | 15 | 3 | --- | --- | --- | --- | Stream sediment. |
| 934 | <.5 | <200 | 700 | 150 | --- | --- | <.03 | --- | --- | --- | Panned concentrate. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chilliwack River drainage--Continued | | | | | | |
| 935 | --- | --- | --- | --- | 500.0 | 1 | --- | --- | --- | 15 | Stream sediment. |
| 936 | <0.5 | <200 | 10 | 700 | --- | --- | <0.02 | --- | --- | --- | Lim. alaskite. |
| 937 | --- | --- | --- | --- | 70 | 3 | --- | --- | --- | --- | Stream sediment. |
| 938 | --- | --- | --- | --- | 50 | 1 | --- | --- | --- | 10 | Do. |
| 939 | --- | --- | --- | --- | 50 | 2 | --- | --- | --- | --- | Do |
| 940 | 1.5 | <200 | <5 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. granodiorite. |
| 941 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | --- | Stream sediment. |
| 942 | --- | --- | --- | --- | 10 | <1 | --- | --- | --- | --- | Do. |
| 943 | 1.5 | <200 | <5 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite, sc. py. |
| 944 | <.5 | <200 | 7 | 1,500 | --- | --- | <.02 | --- | --- | --- | Lim. sh. granodiorite. |
| 945 | --- | --- | --- | --- | --- | --- | 0 | <0.05 | 0 | 0 | Lim. granodiorite. |
| 946 | 1.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Panned concentrate. |
| 947 | <.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Hbd. grd.; sc. py. |
| 948 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | --- | Stream sediment. |
| 949 | <.5 | <200 | 50 | <20 | --- | --- | <.02 | --- | --- | --- | Hbd. grd.; sc. py. |
| 950 | --- | --- | --- | --- | --- | --- | <.05 | <.05 | 0 | 0 | Granodiorite-volcanic contact. |
| 951 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Lim. granodiorite. |
| 952 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Diorite, sc. sulfides. |
| 953 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |
| 954 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | 5 | Stream sediment. |
| 955 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. vol. rocks. |
| 956 | <.5 | <200 | 50 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. tuff; sc. pyrite. |
| 957 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Lim. volcanics. |
| 958 | .7 | <200 | 15 | 700 | --- | --- | .03 | --- | --- | --- | Lim. vol. breccia. |
| 959 | --- | --- | --- | --- | 2 | <1 | --- | --- | --- | 7 | Stream sediment. |
| | | | | | Hannegan Pass-Ruth Mountain area | | | | | | |
| 960 | <.5 | <200 | 30 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. quartz diorite. |
| 961 | <.5 | <200 | 30 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 962 | <.5 | <200 | 30 | 200 | --- | --- | <.02 | --- | --- | --- | Do. |
| 963 | <.5 | <200 | 50 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 964 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 965 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 966 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Do. |
| 967 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 968 | --- | --- | --- | --- | --- | --- | <.05 | <.05 | 0 | 0 | Do. |
| 969 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | 0 | Do. |
| 970 | <.5 | <200 | 50 | 500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 971 | --- | --- | --- | --- | --- | --- | <.02 | --- | --- | --- | Sil. qtz. diorite; pyrite. |
| 972 | <.5 | <200 | 50 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 973 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Vol. rock; sc. py. |
| 974 | <.5 | <200 | 5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. tuff; sc. py. |
| 975 | <.5 | <200 | <5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. white tuff. |
| 976 | <.5 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. vol. breccia. |
| 977 | .7 | <200 | <5 | 150 | --- | --- | <.02 | --- | --- | --- | Do. |
| 978 | <.5 | <200 | 100 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. welded tuff; sc. py. |
| 979 | <.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Do. |
| 980 | --- | --- | --- | --- | --- | --- | 0 | 0 | --- | --- | Lim. qtz. latite. |
| 981 | --- | --- | --- | --- | --- | --- | 0 | <.05 | --- | --- | Do. |
| 982 | --- | --- | --- | --- | --- | --- | 0 | <.05 | 0 | 0 | Lim. vol. breccia. |
| 983 | --- | --- | --- | --- | --- | --- | 0 | <.05 | <3 | <3 | Do. |
| | | | | | Ensawkwatch Creek drainage | | | | | | |
| 984 | <.5 | <200 | 150 | 150 | --- | --- | .2 | --- | --- | --- | Panned concentrate. |
| 985 | <.5 | <200 | 7 | 1,000 | --- | --- | <.02 | --- | --- | --- | Sh. black dike. |
| 986 | <.5 | <200 | 150 | 150 | --- | --- | <.1 | --- | --- | --- | Panned concentrate. |
| 987 | --- | --- | --- | --- | 1 | <1 | --- | --- | --- | 7 | Stream sediment. |
| 988 | <.5 | <200 | 300 | 100 | --- | --- | <.04 | --- | --- | --- | Panned concentrate. |

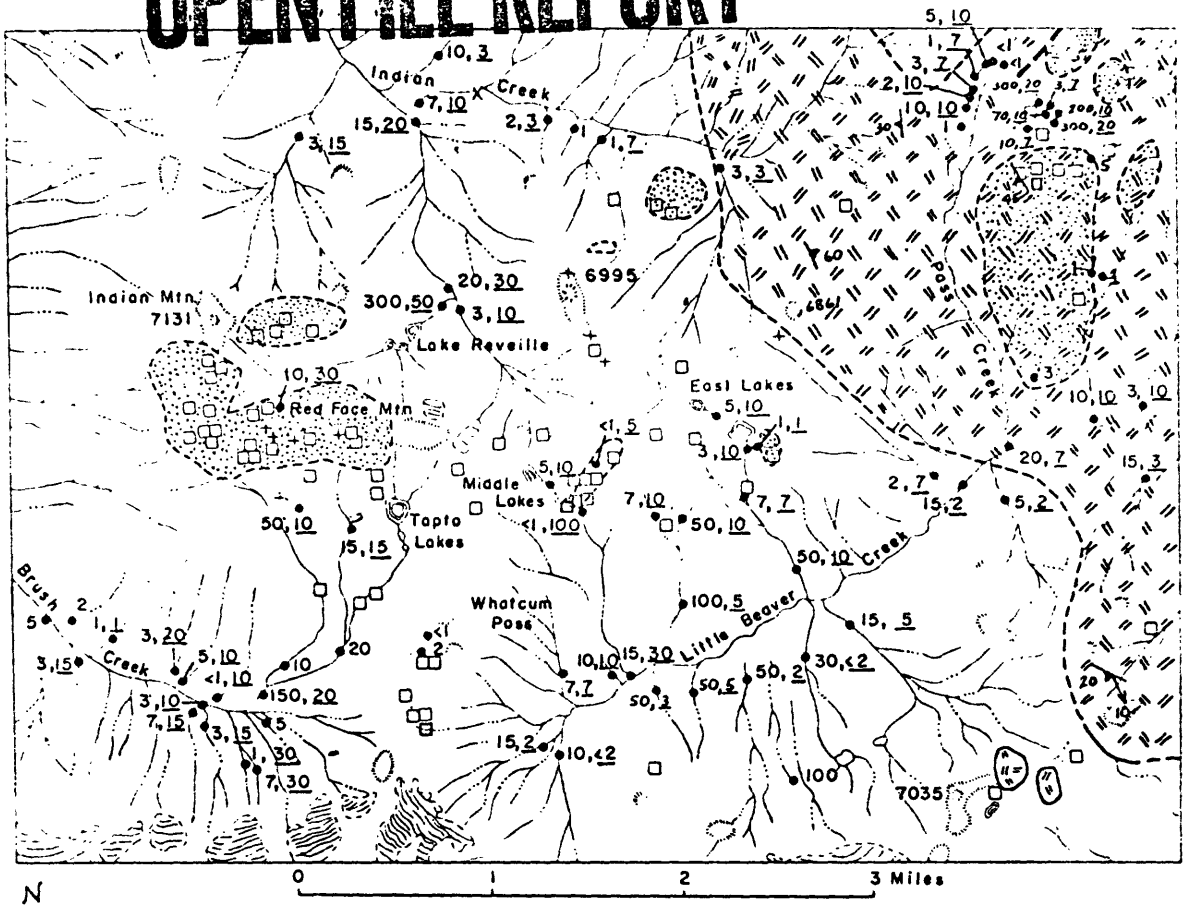
| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Ensawkwatch Creek drainage--Continued | | | | | | |
| 989 | <0.5 | <200 | 5 | 700 | --- | --- | 0.02 | --- | --- | --- | Lim. sh. granodiorite. |
| 990 | .7 | <200 | 5 | 3,000 | --- | --- | <.02 | --- | --- | --- | Lim. sh. grd.; sc. py. |
| 991 | <.5 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. grd.; w/dk. dikes. |
| 992 | <.5 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. granodiorite. |
| | | | | | Silesia Creek drainage | | | | | | |
| 993 | .5 | <200 | 5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. bl. grd.; qtz. veins. |
| 994 | <.5 | <200 | 500 | 70 | --- | --- | 4.4 | --- | --- | --- | Panned concentrate. |
| 995 | --- | --- | --- | --- | 15.0 | 5 | --- | --- | --- | 3 | Stream sediment. |
| 996 | <.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. ark. and arg. |
| 997 | <.5 | <200 | 200 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 998 | <.5 | <200 | <5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. granodiorite. |
| 999 | --- | --- | --- | --- | 3 | 1 | --- | --- | --- | 10 | Stream sediment. |
| 1000 | <.5 | <200 | 100 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. vol. breccia. |
| 1001 | --- | --- | --- | --- | 30 | 5 | --- | --- | --- | 7 | Stream sediment. |
| 1002 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 5 | Do. |
| 1003 | <.5 | <200 | 70 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. ark. and arg. |
| 1004 | <.5 | <200 | 30 | 5,000 | --- | --- | <.02 | --- | --- | --- | Calcite vein. |
| 1005 | <.5 | <200 | 700 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. bl. hbd. qtz. diorite. |
| 1006 | <.5 | <200 | 20 | 500 | --- | --- | <.02 | --- | --- | --- | Calcite vein. |
| 1007 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Calcite vein in lim. qtz. di. |
| 1008 | <.5 | <200 | 100 | 500 | --- | --- | .04 | --- | --- | --- | Do. |
| 1009 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bl. qtz. diorite. |
| 1010 | .5 | 700 | 20 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di. |
| 1011 | <.5 | <200 | 30 | 1,500 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1012 | <.5 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1013 | <.5 | <200 | 30 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. arkosa. |
| 1014 | 3 | <200 | 200 | 2,000 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1015 | .7 | <200 | 70 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. ark. and arg. |
| 1016 | --- | --- | --- | --- | 15 | 5 | --- | --- | --- | 5 | Stream sediment. |
| 1017 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. arkose. |
| 1018 | <.5 | <200 | 150 | 200 | --- | --- | <.02 | --- | --- | --- | Lim. argillite. |
| 1019 | <.5 | <200 | 30 | 200 | --- | --- | <.02 | --- | --- | --- | Lim. sh. arkose; sc. py. |
| 1020 | <.5 | <200 | 150 | 1,000 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1021 | <.5 | <200 | 10 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di.; w/py. |
| 1022 | <.5 | <200 | 20 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 1023 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di.; with py. |
| 1024 | --- | --- | --- | --- | 15 | 50 | --- | --- | --- | --- | Stream sediment. |
| 1025 | --- | --- | --- | --- | 7 | 50 | --- | --- | --- | 30 | Do. |
| 1026 | <.5 | <200 | 7 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. bl. qtz. diorite. |
| 1027 | <.5 | <200 | <5 | 700 | --- | --- | .03 | --- | --- | --- | Lim. qtz. di., w/qtz. veins. |
| 1028 | <.5 | <200 | 5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bl. qtz. diorite. |
| 1029 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1030 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1031 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. bl. hbd. qtz. di. |
| 1032 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di.; sc. py. |
| 1033 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1034 | .7 | <200 | 10 | 700 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1035 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 50 | Stream sediment. |
| 1036 | --- | --- | --- | --- | 3 | 1 | --- | --- | --- | 10 | Do. |
| 1037 | --- | --- | --- | --- | --- | --- | <.05 | 0 | 0 | --- | Granodiorite. |
| | | | | | Middle Fork of Silesia Creek drainage | | | | | | |
| 1038 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Stream sediment. |
| 1039 | <.5 | <200 | 70 | 700 | --- | --- | .04 | --- | --- | --- | Lim. sh. diorite. |
| 1040 | <.5 | <200 | 5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. alaskite dike. |
| 1041 | --- | --- | --- | --- | --- | --- | 0 | <0.05 | --- | --- | Quartz vein. |
| 1042 | --- | --- | --- | --- | --- | --- | 0 | <.05 | --- | --- | Do. |
| 1043 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. plag. po. dike. |
| 1044 | <.5 | <200 | 70 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. diorite. |
| 1045 | .7 | <200 | 70 | 150 | --- | --- | <.02 | --- | --- | --- | Do. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Ba | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Middle Fork of Silesia Creek drainage--Continued | | | | | | |
| 1046 | --- | --- | --- | --- | 3.0 | 1 | --- | --- | --- | 10 | Stream sediment. |
| 1047 | --- | --- | --- | --- | 7 | <1 | --- | --- | --- | 5 | Do. |
| 1048 | --- | -- | --- | --- | --- | --- | 0 | <0.05 | 0 | --- | Lim. vol. breccia. |
| 1049 | --- | --- | --- | --- | --- | --- | <0.05 | <.05 | <3 | 0 | Lim. tuff; sc. pyrite. |
| | | | | | West Fork of Silesia Creek drainage | | | | | | |
| 1050 | <0.5 | <200 | 2,000 | 200 | --- | --- | .8 | --- | --- | --- | Panned concentrate. |
| 1051 | <.5 | <200 | 5,000 | 200 | --- | --- | 3.4 | --- | --- | --- | Do. |
| 1052 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 5 | Stream sediment. |
| 1053 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | 5 | Do. |
| 1054 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | 3 | Do. |
| 1055 | <.5 | <200 | 150 | 700 | --- | --- | <.02 | --- | --- | --- | Limonitic argillite. |
| 1056 | --- | --- | --- | --- | 20 | 1 | --- | --- | --- | 5 | Stream sediment. |
| 1057 | <.5 | <200 | <5 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. dacite. |
| 1058 | --- | --- | --- | --- | 30 | 2 | --- | --- | --- | 5 | Stream sediment. |
| 1059 | <.5 | <200 | 100 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. dacite and vol. brc. |
| 1060 | .7 | <200 | <5 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. diorite. |
| 1061 | --- | --- | --- | --- | 7 | 2 | --- | --- | --- | 5 | Stream sediment. |
| 1062 | <.5 | <200 | 70 | 1,500 | --- | --- | <.02 | --- | --- | --- | Gray dike, sc. py. |
| 1063 | --- | --- | --- | --- | 1 | 2 | --- | --- | --- | 20 | Stream sediment. |
| 1064 | <.5 | <200 | 1,000 | 50 | --- | --- | <.04 | --- | --- | --- | Panned concentrate. |
| 1065 | --- | --- | --- | --- | .5 | 3 | --- | --- | --- | 10 | Stream sediment. |
| | | | | | Ruth Creek drainage | | | | | | |
| 1066 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 7 | Do. |
| 1067 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | 7 | Do. |
| 1068 | --- | --- | --- | --- | 10 | 1 | --- | --- | --- | 3 | Do. |
| 1069 | --- | --- | --- | --- | 15 | 1 | --- | --- | --- | 7 | Do. |
| 1070 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 10 | Do. |
| 1071 | <.5 | <200 | 150 | 300 | --- | --- | <.02 | --- | --- | --- | Lim. phyllite; sc. py. |
| | | | | | North Fork of Nooksack River drainage | | | | | | |
| 1072 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 7 | Stream sediment. |
| 1073 | --- | --- | --- | --- | 3 | 10 | --- | --- | --- | 3 | Lake sediment. |
| 1074 | <.5 | <200 | 200 | 500 | --- | --- | <.02 | --- | --- | --- | Limonitic phyllite. |
| 1075 | <.5 | <200 | 200 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. phy.; sc. pyrh. |
| 1076 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | 2 | Stream sediment. |
| 1077 | <.5 | <200 | 200 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. phyllite, sc. py. |
| 1078 | <.5 | <200 | 200 | 700 | --- | --- | <.02 | --- | --- | --- | Limonitic phyllite. |
| 1079 | <.5 | <200 | 700 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. phy.; sc. py.; pyrh. |
| 1080 | --- | --- | --- | --- | 3 | 20 | --- | --- | --- | 5 | Stream sediment. |
| 1081 | <.5 | <200 | 150 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. phy., sc. py., pyrh. |
| 1082 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | --- | Stream sediment. |
| 1083 | <.5 | <200 | 5 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. granodiorite. |
| 1084 | <.5 | <200 | 70 | 100 | --- | --- | <.02 | --- | --- | --- | Do. |
| 1085 | --- | --- | --- | --- | 3 | 1 | --- | --- | --- | 7 | Stream sediment. |
| 1086 | <.5 | <200 | 30 | 1,000 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. granodiorite. |
| 1087 | <.5 | <200 | 15 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sh. hbd. grd. |
| 1088 | <.5 | <200 | 7 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. hbd. granodiorite. |
| 1089 | 7 | <200 | 5 | 700 | --- | --- | .02 | --- | --- | --- | Lim. incl. in grd. |
| 1090 | <.5 | <200 | 20 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. sil. qtz. diorite. |
| 1091 | <.5 | <200 | 100 | 700 | --- | --- | <.02 | --- | --- | --- | Lim. dk. qtz. diorite. |
| 1092 | <.5 | <200 | 50 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. qtz. di. breccia. |
| 1093 | <.5 | <200 | 20 | 500 | --- | --- | <.02 | --- | --- | --- | Lim. welded tuff. |

| Sample | Semiquantitative spectrographic analyses--Continued (ppm) Ag | As | Cr | Be | Chemical analyses (ppm) cxHM | cxCu | Au | Ag | Cu | Mo | Sample description 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | White Salmon Creek drainage | | | | | | |
| 1094 | --- | --- | --- | --- | 7.0 | 10 | --- | --- | --- | 5 | Stream sediment. |
| 1095 | --- | --- | --- | --- | 7 | 1 | --- | --- | --- | 3 | Do. |
| 1096 | --- | --- | --- | --- | 7 | 3 | --- | --- | --- | 3 | Do. |
| 1097 | --- | --- | --- | --- | 3 | 2 | --- | --- | --- | 2 | Do. |

1/ Abbreviations used in Tables:

| | | | | | |
|---|---|---|---|---|---|
| abund | abundant | feld | feldspar | po | porphyry |
| arg | argillite | FeOst | iron oxide-stained | py | pyrite or pyritic |
| ark | arkose | fg | fine-grained | pyrh | pyrrhotite |
| bi | biotite | gar | garnet | qtz | quartz |
| bld | bleached | gn | gneiss or gneissic | sc | scattered |
| brc | breccia or brecciated | grd | granodiorite | sch | schist |
| cgl | conglomerate | hbd | hornblende | ser | sericite |
| chl | chlorite | incl | inclusion | sh | sheared |
| chp | chalcopyrite | kaol | kaolinized | sil | silicified |
| chrys | chrysocolla | lim | limonite or limonitic | sul | sulfides |
| di | diorite | mo | molybdenite | tour | tourmaline |
| dk | dark | phy | phyllite | vol | volcanic |
| ep | epidote | plag | plagioclase | w/ | with |




EXPLANATION

Granodiorite with minor diorite and alaskite

Custer Gneiss of McTaggart and Thompson

Approximately located contact

Approximately located fault

20
Strike and dip of foliation

10
Plunge of drag folds

Large zone of disseminated sulfides

X
Prospect

+
Vein or mineralized dike

Chip sample locality

3, 15
Stream sediment sample locality
Part per million cold copper and molybdenum (underlined)

Glacier



FIGURE 5.- MAP SHOWING SAMPLE LOCATIONS AND GENERAL GEOLOGY OF THE RED FACE MOUNTAIN AND PASS CREEK AREAS

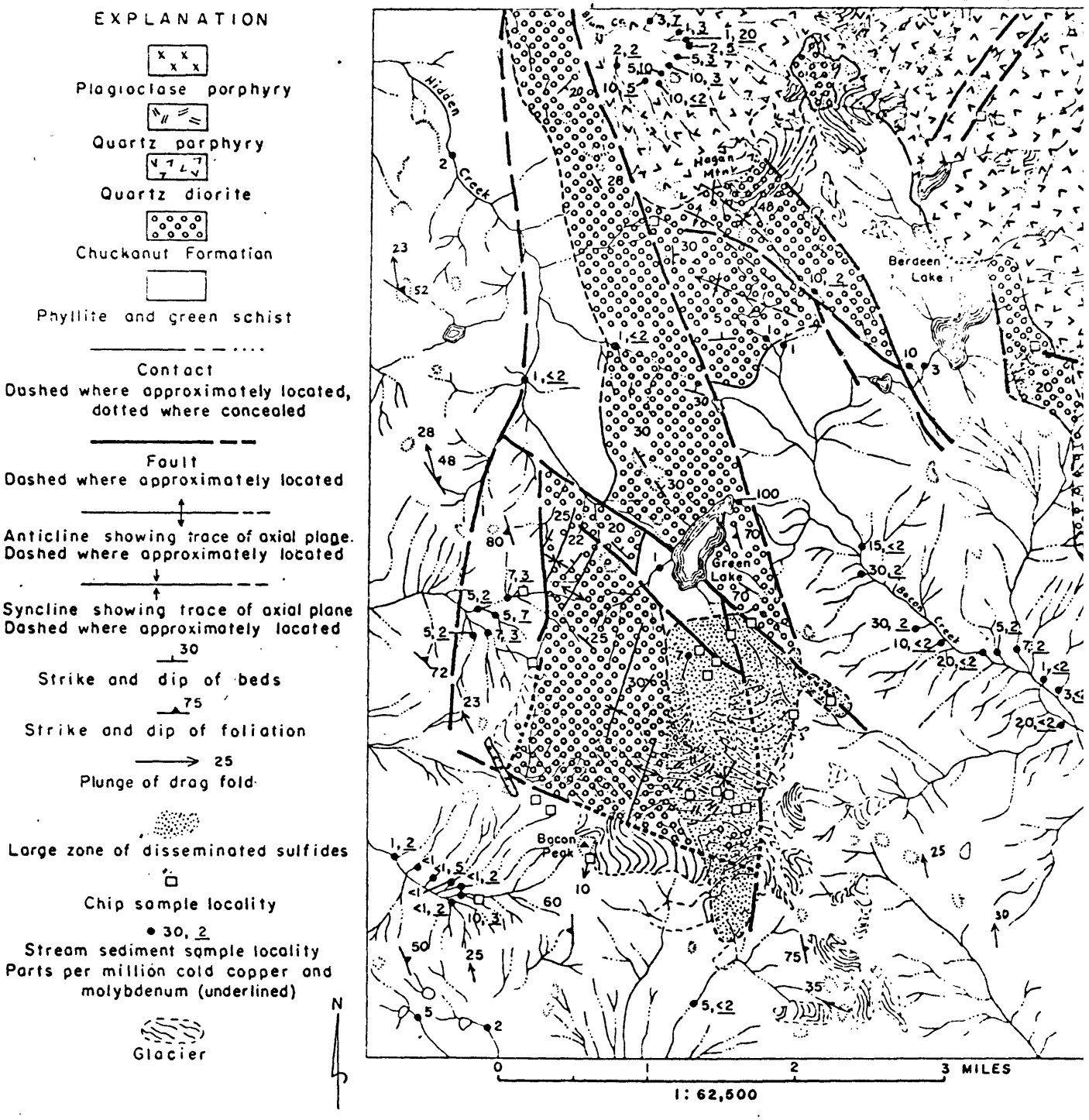



FIGURE 6.- MAP SHOWING SAMPLE LOCALITIES AND GENERAL GEOLOGY OF THE BACON PEAK–HAGAN MOUNTAIN AREA

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

EXPLANATION

Hannegan Pass Volcanics

Quartz diorite

Phyllite and green schist

Contact
Dashed where approximately located, dotted where concealed

Fault, showing dip
Dashed where approximately located

Strike and dip of foliation

Strike of vertical foliation

Plunge of drag folds

Large zone of disseminated sulfides

Prospect

Chip sample locality

Stream sediment sample locality
[Parts per million cold copper and molybdenum (underlined)]

Glacier

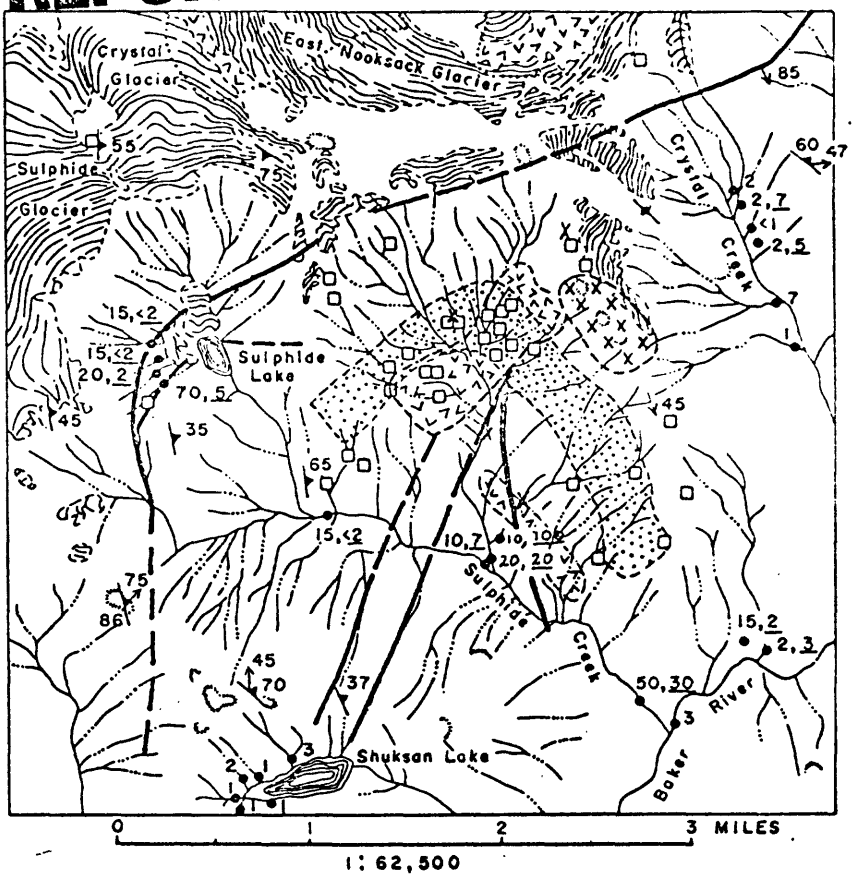



FIGURE 7.—MAP SHOWING SAMPLE LOCATIONS AND GENERAL GEOLOGY OF THE SULPHIDE BASIN AREA

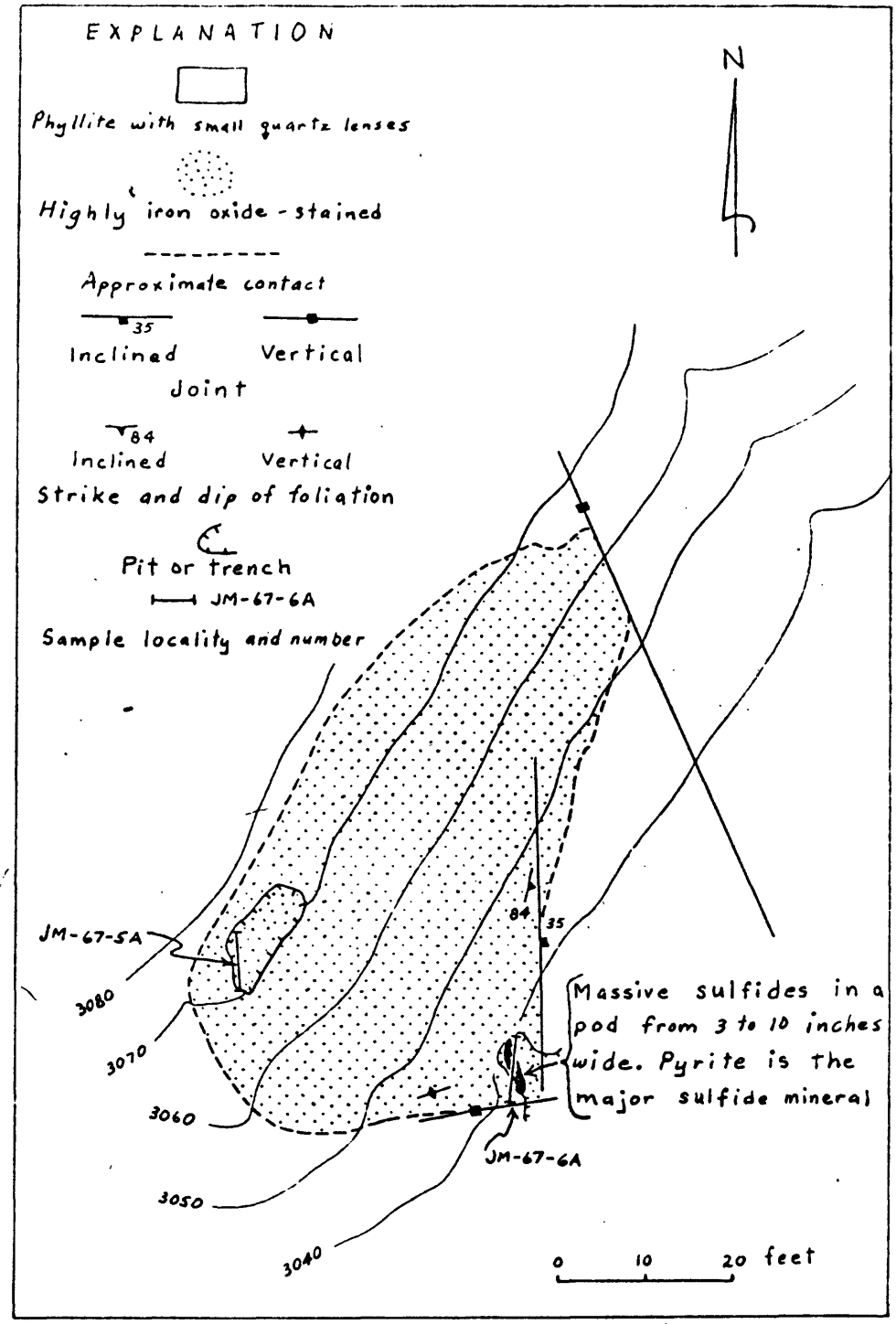



FIGURE 8.- MAP ON UNION PROSPECT IN SULPHIDE BASIN