VIKON

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**AMENDMENT NO. 1 TO THE PROSPECTUS OF**

**VIKON INTERNATIONAL RESOURCES INC.**

**EFFECTIVE DATE:** OCTOBER 17, 1988

Vikon International Resources Inc. (the "Issuer") hereby [a]ends its prospectus dated May 5, 1988 (the "Prospectus") [to] disclose a change in the agent and an increase in the [nu]mber of agent's warrants.

[Th]e following items in the Prospectus are amended:

[CO]VER PAGE

[Th]e last paragraph on the cover page is deleted and replaced [wi]th the following:

"WEST COAST SECURITIES LTD.
400 - 815 West Hastings Street
Vancouver, British Columbia"

[PL]AN OF DISTRIBUTION

[Th]e first paragraph under the sub-heading Appointment of [Ag]ent is revised as follows:

"Appointment of Agent

The Issuer, by an agreement (the "Agency Agreement") dated September 16, 1988 appointed West Coast Securities Ltd. as it agent (the "Agents") to offer the shares through the facilities of the Exchange."

The fourth paragraph under this sub-heading is revised as follows:

"The Agent has agreed to purchase any Shares not sold at the conclusion of the Offering. In consideration therefor, the Agent has been granted non-transferable share purchase warrants (the "Agent's Warrants") entitling it to purchase up to 67,500 common shares of the Issuer at any time up to the close of business one year from listing of the Issuer's shares on the Vancouver Stock Exchange (the "Exchange") at a price of $0.40 per share."



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Phoenix 82ESE 20-28,163

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THIS PROSPECTUS CONSTITUTES A PUBLIC OFFERING OF THESE SECURITIES ONLY IN THOSE JURISDICTIONS WHERE THEY MAY BE LAWFULLY OFFERED FOR SALE AND THEREIN ONLY BY PERSONS PERMITTED TO SELL SUCH SECURITIES.

NO SECURITIES COMMISSION OR SIMILAR AUTHORITY IN CANADA HAS IN ANY WAY PASSED UPON THE MERITS OF THE SECURITIES OFFERED HEREUNDER AND ANY REPRESENTATION TO THE CONTRARY IS AN OFFENCE.

**EFFECTIVE DATE: MAY 13,1988**

**PROSPECTUS**

**VIKON INTERNATIONAL RESOURCES INC.**
(the "Issuer")

PUBLIC OFFERING

**450,000 COMMON SHARES**

| Shares | Price to Public | Commission | Net Proceeds to be Received by the Issuer* |
|---|---|---|---|
| Per Share | $0.35 | $0.05 | $0.30 |
| Total | $157,500 | $22,500 | $135,000 |

* Before deduction of the costs of this issue estimated to be $20,000.
** Additionally the Agents will receive Warrants as described under the heading "Appointment of Agents".

THERE IS NO MARKET THROUGH WHICH THESE SECURITIES MAY BE SOLD. THE PRICE OF THESE SECURITIES WAS ESTABLISHED THROUGH NEGOTIATION WITH THE AGENTS. THE VANCOUVER STOCK EXCHANGE HAS CONDITIONALLY LISTED THE SECURITIES BEING OFFERED PURSUANT TO THIS PROSPECTUS. LISTING IS SUBJECT TO THE ISSUER FULFILLING ALL THE LISTING REQUIREMENTS OF THE VANCOUVER STOCK EXCHANGE ON OR BEFORE NOVEMBER 9, 1988, INCLUDING PRESCRIBED DISTRIBUTION AND FINANCIAL REQUIREMENTS.

A PURCHASE OF THE SECURITIES OFFERED BY THIS PROSPECTUS MUST BE CONSIDERED AS SPECULATION. ALL OF THE PROPERTIES IN WHICH THE ISSUER HAS AN INTEREST ARE IN THE EXPLORATION AND DEVELOPMENT STAGE ONLY AND ARE WITHOUT A KNOWN BODY OF COMMERCIAL ORE. NO SURVEY OF ANY PROPERTY OF THE ISSUER HAS BEEN MADE AND THEREFORE IN ACCORDANCE WITH THE LAWS OF THE JURISDICTION IN WHICH THE PROPERTIES ARE SITUATE, THEIR EXISTENCE AND AREA COULD BE IN DOUBT. SEE ALSO THE HEADING "RISK FACTORS".

NO PERSON IS AUTHORIZED BY THE ISSUER TO PROVIDE ANY INFORMATION OR TO MAKE ANY REPRESENTATION OTHER THAN THOSE CONTAINED IN THIS PROSPECTUS IN CONNECTION WITH THE ISSUE AND SALE OF THE SECURITIES OFFERED BY THE ISSUER.

UPON COMPLETION OF THIS OFFERING, THIS ISSUE WILL REPRESENT 27.51% OF THE SHARES THEN OUTSTANDING AS COMPARED TO 55.99% THAT WILL THEN BE OWNED BY THE PROMOTERS, DIRECTORS AND SENIOR OFFICERS OF THE ISSUER. REFER TO THE HEADING "PRINCIPAL HOLDERS OF SECURITIES" HEREIN FOR DETAILS OF SHARES HELD BY DIRECTORS, PROMOTERS AND CONTROLLING PERSONS AND ASSOCIATES OF THE AGENT.

THE NET ASSET VALUE PER SHARE AFTER COMPLETION OF THE OFFERING WILL BE $0.1316 REPRESENTING A DILUTION OF 62.39% ON A FULLY-DILUTED BASIS, OR $0.2431 REPRESENTING A DILUTION OF 30.56% EXCLUDING THE ESCROWED SHARES.

ONE OR MORE OF THE DIRECTORS OF THE ISSUER HAS AN INTEREST, DIRECT OR INDIRECT, IN OTHER NATURAL RESOURCE COMPANIES. REFER TO THE HEADING "RISK FACTORS" FOR A COMMENT AS TO THE RESOLUTION OF POSSIBLE CONFLICTS OF INTEREST.

THIS PROSPECTUS ALSO QUALIFIES FOR SALE TO THE PUBLIC AT THE MARKET PRICE FOR THE SHARES AT THE TIME OF SALE ANY SHARES OF THE ISSUER WHICH THE AGENT MAY ACQUIRE PURSUANT TO THE AGENT'S WARRANTS. REFER TO THE HEADING "PLAN OF DISTRIBUTION".

WE, AS PRINCIPALS, CONDITIONALLY OFFER THESE SECURITIES SUBJECT TO PRIOR SALE, IF, AS AND WHEN ISSUED BY THE ISSUER AND ACCEPTED BY US IN ACCORDANCE WITH THE CONDITIONS CONTAINED IN THE AGENCY AGREEMENT REFERRED TO UNDER THE HEADING "PLAN OF DISTRIBUTION".

Pacific International Securities Inc.
#1500 - 700 West Georgia Street
Vancouver, British Columbia

DATED: MAY 5, 1988

The address of the records and registered offices of the Issuer is 2100 - 505 Burrard Street, Vancouver, British Columbia.

DESCRIPTION OF BUSINESS AND PROPERTY

Business

The Issuer is a natural resource company engaged in the acquisition, exploration and development of natural resource properties. The Issuer owns or has interests in the properties described under the heading "Property" and intends to seek and acquire additional properties worthy of exploration and development.

Property

Phoenix Property
Greenwood Mining Division,
British Columbia

The Issuer holds interests in the following mineral claims and Reverted Crown granted mineral claims located in the Greenwood Mining Division, Province of British Columbia (the "Property"):

(a) Recorded Claims:

| Name | Record No. | Expiry Dates |
|---|---|---|
| ATTWOOD 5 | 4565 | April 28, 1991 |
| ATTWOOD 6 | 4566 | April 28, 1991 |
| ATTWOOD 7 | 4567 | April 28, 1991 |
| ATTWOOD 8 | 4568 | April 28, 1991 |
| ATTWOOD 9 | 4569 | April 28, 1991 |
| ATTWOOD 10 | 4570 | April 28, 1991 |
| Add #1 | 5012 | August 28, 1991 |

(b) Reverted Crown Granted Mineral Claims:

| Name | Record No. | Lot No. | Expiry Dates |
|---|---|---|---|
| Tripod Fraction | 4949 | 1463S | April 23, 1991 |
| Florance | 4948 | 1187S | April 23, 1991 |

By agreement dated for reference May 14, 1987 (the "Carson Option") John Wesley Carson of Box 1977, Grand Forks, British Columbia, who is at arm's length from the Issuer, granted to the Issuer an option to acquire and the right to prospect, develop and mine the Add #1 Claim, and the Attwood 5-10 claims. In order to exercise the Carson Option, the Issuer was required to pay $15,000 to Carson on the date of execution of the Carson Option (which sum has been paid) and make additional payments of $10,000. on or before April 15 in each of the years 1988 (which sum has been paid) and 1989. Additionally, the Issuer must issue 25,000 fully paid and non-assessable common shares in its capital forthwith upon the date the common shares of the Issuer are listed for trading on the Vancouver Stock Exchange, and a further 25,000 shares upon completion of Phase 1 of a program of exploration and development work on the Property and the filing of an engineering report with the Vancouver Stock Exchange recommending further work on the Property (but not later than April 15, 1990).

The Issuer is obligated to pay to Carson a royalty equal to 2.5% of the net profits realized from any production from the Property. The Issuer has the right and option to purchase Carson's interest in the net profits for the aggregate purchase price of $100,000.

By agreement dated September 29, 1987, (the "Nakade Assignment") the Issuer acquired an option to purchase the Tripod Fr. and the Florance claim by way of assignment of an agreement (the "Mellett Agreement") between George S. Nakade ("Nakade") of Box 511, Grand Forks, B.C. and Ronald C.E. Mellett ("Mellett") of Box 1030 Grand Forks, B.C., both of whom are at arm's length from the Issuer. Under the terms of the Nakade Assignment, the Issuer paid Nakade the sum of $4,000 upon execution, and is obligated to pay a further $4,000 within 30 days of the listing of the Issuer's shares on the Vancouver Stock Exchange, not later than May 15, 1988. In addition, the Issuer must issue 10,000 fully paid and non-assessable common shares to Nakade upon regulatory approval. Pursuant to the terms of the Mellett Agreement, the Issuer is obligated to pay an annual royalty equal to 3% of the net smelter returns realized from the Tripod Fr., and Florance claims to a maximum of $100,000, to Mellett.

The Property lies 4 km south of the Phoenix Mine in the Boundary District of south-central British Columbia, about 500 km east of Vancouver. The property is accessible from Highway #3 over a mine haulage road which branches off the main highway at a point approximately 20 km from Grand Forks. Good access is provided to most parts of the property by numerous bush roads and hydro power line service roads which branch off the main Phoenix-Loan Star Mine Haulage Road.

The Property is located within the Phoenix-Boundary Mining Camp. Mineral deposits in this area vary, ranging from contact metasomatic skarn deposits with base metal occurrences to fissure-controlled quartz veining and sulphide deposits carrying precious metal values. Other mineral occurrences of note that have received attention are the Lexington copper-gold deposit and the Tam O'Shanter epithermal vein mineralization associated with tertiary faults.

The Property itself straddles the eastern part of Mount Attwood. The ground slopes moderately eastward, and elevations vary from 1036 meters above sea level at Skeff Creek on the northeast corner to 1420 meters at a ridge on the central west side of the Property. For the most part, the northeastern sector of the Property is densely forested, while the central portion of the Property is characterized by rocky hills with several limestone escarpments. Much of the southern sector is scarcely outcropped except for the hydro power line service roads.

Lode mineralization in the Boundary district was first recorded near Boundary Falls in 1884. In the 1890's most of the important deposits, including those at Phoenix, Motherlode and Deadwood camps had been found, followed by construction of copper smelting plants at Grand Forks, Greenwood and Boundary Falls, and completion of a railway into the Boundary Mining Camp in the 1900's. The major mine was the Phoenix Camp, 4 km north of the Property. The Phoenix Mine produced a total of 27 million tons averaging 0.85% copper, 0.033 oz/ton gold and 0.20 oz/ton silver up to its closure in 1976. Since 1977, the abandoned Phoenix open pit has been under the custody of Noranda Mines. Other deposits in the area were the Oro Denoro, Skylark, and Dentonia mines, all of which are within 3 km from the Phoenix Mine.

The Winnipeg-Golden Crown Mine was the largest former gold producer in the area. While significant gold production was realized from the workings prior to 1912, the mines have been virtually dormant since 1964. Exploration of that mine resumed in 1965 and it was periodically operational until 1980. From 1983 active exploration continued resulting in over 74,000 tons being drill indicated at a grade of 0.44 oz/ton gold, 0.913 oz/ton silver and 0.66% copper. Recent active exploration in the area includes the Athelstan Jackpot mine to the north, the Sylvester K and the Crown, four km. northwest of the Property. The current exploration program on the Crown optioned by Noranda resulted in a reported 0.22 oz/ton gold over a total length of 11 meters within a trench.

After the acquisition of the Property by the Issuer, an exploration program was carried out in the summer of 1987 by Sookochoff Consultants Inc. at a cost of $63,500. Recce geochemical and geophysical surveys were performed over most of the Property with detailed VLF-EM surveys over two selected localized areas. Exploration work was not carried out on the recently acquired Tripod Fr. and Florance claims.

The exploration resulted in the discovery of significant copper/lead/zinc occurrences with localized appreciable gold values within the garnet skarn deposits and rustily weathered argillite and chert. At least three parallel sulphide structures of strong economic interest, up to two meters in true width, were traced for 200 meters in strike length. The results of the current trenching, provided in detail, confirmed the existence of high grade sulphides (to 5.02% copper, 2.03% lead, 15.53% zinc) with appreciable gold values, (3345 ppb Au).

The Property geology is dominated by limestone, argillite and chert. Based on study of the fossils in the area, the limestone and argillite are assigned to the Attwood Group of Permo-Carboniferous age. These rocks are underlain by stratigraphically higher Triassic Eholt formation, resulted by a regional thrust fault which passes through near the southern boundary. The Attwood Group rocks are intruded by smaller granodiorite dykes and stocks which are undoubtedly associated with larger stocks of the same intrusive rocks near the Mt. Attwood summit, Skeff Creek and Greenwood grandiorite pluton. The age of this instrusion falls into the Lower Cretaceous. Lime silicate and skarn deposits are located within the apparent underlying or exposed granodiorite contact zone. Also, quartz veining carrying high grade precious metals of up to 1.61 oz. Au/ton across 0.45 meters occurs near the granodiorite contact zone on the westerly adjoining SET Claims.

A panned sample collected from Skeff Creek returned 0.44 oz./ton gold. The causitive of the source of this high grade sample could exist in the upstream tributaries on the northeastern sector of the Property on the Tripod Fr. claim.

In the exploration program, channel chip and grab samples were taken from the sulphide showings, wall rocks and the old dumps within the property. In addition, a sample was taken of a brownish-carbonated float material occurring at Skeff Creek on the Tripod Fr. claim. This sample of listwanite appears similar to the listwanite gold-silver bearing zones of the Max Mineral ground adjacent to the North. The sample returned 16 ppb Au,1026 ppm Cu and 117 ppm Mo-all anomalous values.

The geochemical survey disclosed one large prime area for exploration within the central eastern portion of the Property. Numerous correlative multielement geochemical anomalies occur within this larger area which include old workings and appear to be localized generally proximal to intersecting structures. Indicated structures within the workings area and Areas A and B trend easterly en-echelon with northerly structures offsetting the primary structures. The en-echelon easterly and northerly structures are confirmed on a smaller scale in the detailed survey area.

Other areas of correlative multielement anomalies include Area C, east of Area A; Area D, an area southeast of Area B where mineral controlling cross-structures are not apparent but may occur; Area E and Area F, two areas along the western boundary where goldbearing quartz veins that occur on the adjacent property (Overlander workings) may extend onto the Phoenix claim group.

Based upon the results of exploration carried out on the Property to date, L. Sookochoff, P. Eng. and H. Kim, P. Geol. F.G.A.C. have prepared an engineering report dated December 31, 1987 ( a copy of which is attached to this Prospectus) recommending a two phase program of further exploration of the Property.

Phase I will consist of silt sampling in the Skeff Creek area (Tripod Fr. and Florance Claims) with detailed soil sampling, VLF-EM and I.P. Surveys in designated anomalous areas. In addition, trenching, blasting (if necessary), geological mapping and sampling of the new prime target anomalies will be undertaken. The estimated cost of the first phase of exploration is $64,000. The Issuer has allocated this sum from the proceeds of this offering to pay for completion of Phase I of the recommended program.

Contingent upon receipt of encouraging results from Phase I, a second phase consisting of 500 meters of core drilling should be undertaken to test for potentially economic mineral zones. The estimated cost of Phase 2 is $70,000. The Issuer will be required to complete further debt or equity financing to raise the funds to complete the second phase of work.

There is no underground or surface plant or equipment on the Property, nor any known body or commercial ore. The proposed program is an exploratory search for ore.

REPORT ON THE INITIAL

GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL EXPLORATION

of the

PHOENIX CLAIM GROUP

N.T.S. 82E/2E

49° 03′ N - Longitude

118° 34′ W - Latitude

for

VIKON INTERNATIONAL RESOURCES INC.

by

L. SOOKOCHOFF P.ENG.

H. KIM, P.GEOL., F.G.A.C.

SOOKOCHOFF CONSULTANTS INC.

December 31, 1987

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**GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL EXPLORATION**

**of the**

**PHOENIX CLAIM GROUP**

**Greenwood Mining Division**

**for**

**VIKON INTERNATIONAL RESOURCES INC.**

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## PART A


### ABSTRACT

The Phoenix claim group is located in the historic Boundary Mining Camp of central southern British Columbia about 500 km by road east of Vancouver. The Boundary Mining Camp contains a number of significant base metal and precious metal deposits which have been explored from the early 1900's. A former producer, the Phoenix Mine, located four km north of the subject property, produced 27 million tons grading an average of 0.85% copper, 0.033 oz/ton gold and 0.20 oz/ton silver. More recently, the general Boundary Mining Camp area was put into active exploration and development as a result of new discoveries of gold-silver bearing sulphide deposits on the Crown, Slyvester K and Skylark Resources properties, all of which are within four km of the subject ground.

In the summer of 1987, an exploration program was carried out on the PHOENIX claim group by Sookochoff Consultants Inc., resulting in the discovery of significant copper-lead-zinc occurrences with localized, appreciable gold values within the garnet skarn deposits and rustily weathered argillite and chert. At least three parallel sulphide structures of strong economic interest, up to two meters in true width were traced for 200m in strike length. The results of the current trenching, provided in detail, confirm the existence of high grade sulphides (to 5.02% copper, 2.03% lead, 15.53% zinc) with appreciable gold values (3345 ppb Au).

One of the three silt and soil samples in the vicinity of the easterly flowing Skeff Creek within the property returned values of up to 0.44 oz Au/ton and 6.48 oz Ag/ton.

Two prime correlative geochemical anomalous areas with indicated cross structures present additional potential for locating and developing economic mineral zones.

The PHOENIX claim group covers a geologically favourable area for the occurence of copper-lead-zinc-gold-silver mineralization similar to the area of past production from polymetallic sulphide and precious metal deposits in the Boundary mining Camp. The results of former production and exploration in the immediate area, in addition to the currently revealed sulphide mineralization on the PHOENIX claim group are encouraging and an exploration program is warranted to define lateral and downward extensions of the main showings and to explore other anomalous areas. The program should be also targeted to seek hidden vein systems of possible high gold values on the northeastern sector, upstream tributaries (west of) Skeff Creek. A program costing $134,000 is recommended.

OBSERVATIONS AND CONCLUSIONS

1. The general Boundary Mining Camp area is serviced by paved roads and an all weather mine haulage dirt road between the Phoenix Camp and Lone Star Mine in Washington State. Local hydropower lines cross the southern part of the property. Abundant timber, water, sand and gravel are readily available within the property.

2. The property is adjacent to and nearby the active exploration projects by major mining and resource companies which resulted in the significant gold discoveries:

Crown

Recent exploration by Noranda on the Crown, two km northwest of the property resulted in the discovery of a gold bearing structure. One of the 1986 trenches returned an assay value of 0.22 oz/ton Au over a true width of 11m (36 feet) and 1.22 oz/ton Au across two meters.

Winnipeg Golden Crown Mine

One km north of the PHOENIX claim group, the Winnipeg-Golden Crown was the largest former gold producer in the area. In addition to the recorded production of 69,000 tons, grading 0.2 -0.45 oz/ton gold, 0.62 - 0.82 oz/ton silver and 0.16 - 1.53% copper, an estimated 74,000 tons averaging 0.44 oz/ton gold, 0.913 oz/ton silver and 0.66% copper has been drill indicated, based on the recent exploration programs. The newly discovered South Zone with gold values up to 1.26 oz/ton Au across 1.2m is located 1.5 km north of the property (Fig. 2 and 8).

Athelstan - Jackpot

Max Minerals on an adjacent property to the north is exploring a gold-silver bearing zone occurring within listwanite. Assays of up to .996 oz Au per ton are reported from a pyrite breccia.

SET claims

Adjacent to the western boundary of the PHOENIX claim group, the SET property presents the so-called Overlander Workings in which a gold-bearing quartz vein with values up to 1.61 oz/Au ton across 0.45 m, was traced for a 120 m strike length. The showings are hosted by rustily weathered, pyritized fractured chert and cherty argillite. The same lithologic conditions, which are more oxidized and sheared, appear to continue onto Vikon's ground (Fig. 4). The significant assay returns from the SET claims are selected from the respective report (Sookochoff and Kim January 1987):

| Description | Width m | Gold oz/ton | Silver oz/ton | Copper % | Lead % | Zinc % |
|---|---|---|---|---|---|---|
| Sulphide-qtz | 0.4 | 0.59 | 0.07 | N/A | N/A | N/A |
| " | 0.45 | 0.91 | 0.10 | " | " | " |
| " | 0.45 | 1.61 | 0.33 | " | " | " |
| " | 0.30 | 0.38 | 0.18 | " | " | " |
| Skarn ore | Grab | 0.18 | 0.40 | 5.28 | 0.01 | 0.02 |

3. The PHOENIX claim group is underlain by the lithology of the Permo-Carboniferous Attwood Group. The Attwood Group lithology, at least on the surface of the property, consists mainly of limestone, argillite, chert to cherty argillite, sharpstone corlomerate (chert breccia). These rocks are juxtaposed in thrust faulting against stratigraphically higher, Triassic Eholt Formation of mostly maroon and green volcaniclastic composition in the southern segment of the property (Church 1986 and Figs 3 and 4). All these rocks are invaded in the Cretaceous Period by smaller granodiorite stocks and dykes at several locations, which appear to be satellitic to, and interconnected with a granodiorite plug on the east side summit of Mt. Attwood (Fig 3 and 4).

Rusty weathering, pyritization, shearing, propylitization, argillitic and skarn alteration are common within the limestone formation in contacts with the underlying or exposed granodiorite intrusives in the immediate area (Fig 6).

A tectonic feature in the Mt. Attwood area would be characterized by major northwest block faults. Church (1986) shows two northwest trending faults within the property, and these may have provided syngenetic shears (fissures), making favorable conduits for mineralizing hydrothermal solutions, and granodioritic intrusions (Figs 3 and 6).

4. On the central eastern sector of the property, a significant massive sulphide mineralization, designated as Vikons' No. 1 showings, was disclosed by exploration implemented by Sookochoff Consultants in the summer of 1987.

   Mineralization occurs mainly as fissure fillings and replacement veins along northwest and northeast trending 60° to 90° dipping faults hosted by argillite, chert, sharpstone conglomerate and limestone. A skarn deposit is confined to the limestone lithology. At least three discontinuous, intermittent and offsetting sulphide vein systems, which can be a series of en echelon structures, have been traced for an overall strike length of 200 m. Within the explored area, the veins pinch and swell and contain varying amounts of sulphides, from disseminated material to masses of solid sulphides. The solid massive sulphide veins range in width from 10 cm to 220 cm (2.2m).

5. Samples collected from the floors and wall rocks of new trenches, old dumps and natural outcrops are described in detail later in this report. The following table summarizes the selected more significant samples and assays on the property.

| Sample No. | Width m | Cu ppm | Pb ppm | Zn ppm | Au ppb | Ag ppm | Description |
|---|---|---|---|---|---|---|---|
| 9151 | N/A | 7068 | 3367 | 318 | 15100 (0.44) oz | 222.5 (6.48) oz | panned sample from Skeff Creek |
| 2025 | *N/A | 4734 | **N.S | N.S | 18 | 1.2 | Grab shattered skarn outcrop |
| 2026 | N/A | 17075 | N.S | N.S | 290 | 4.6 | same as above |
| 2027a | 0.7 | 11981 | N.S | N.S | 935 | 50.3 | channel massive sulphides, incl. 0.2 wall rock |
| 2027b | 0.5 | 13944 | 53 | 437 | 178 | 11.3 | |
| 2028 | 1.0 | 15813 | N.S | N.S | 1120 | 9.1 | channel skarn |
| 2029a | 1.2 | 26824 | N.S | N.S | 260 | 14.6 | channel skarn ore and wall rock |
| 2029b | 0.8 | 50532 | 10.5 | N.S. | 730 | 39.9 | skarn ore only |
| 2030a | 1.0 | 7224 | N.S | N.S | 190 | 5.9 | channel rusty argillite and sulphides |
| 2030b | 1.2 | 6400 | 49 | 266 | 69 | 4.6 | same as above |
| 2031 | 0.6 | 3139 | N.S | N.S | 97 | 1.7 | channel rusted shear |
| 2032 | N/A | 1869 | N.S | N.S | 210 | 2.0 | Grab old trench |
| 2033 | 1.0 | 125 | 20321 | 155067 | 225 | 23.9 | chip, gossan; hydrozincide |
| 2034a | 1.0 | 92 | 18863 | 99689 | 92 | 5.3 | same as above |

| Sample No. | Width (m) | Cu ppm | Pb ppm | Zn ppm | Au ppm | Ag ppm | Description |
|---|---|---|---|---|---|---|---|
| 2034b | N/A | N.S. | 5821 | N.S. | 29 | 1.8 | Grab, gossan |
| 2035 | 0.6 | 116 | 10169 | 84514 | 26 | 4.1 | chip, massive sulphides |
| 2036 | 1.0 | 11014 | 134 | 989 | 63 | 1.6 | same as above |
| 2041 | 1.2 | 5816 | 12 | 892 | 73 | 10.1 | same as above |
| 4811 | 0.6 | 33555 | 27 | 512 | 540 | 35.9 | chip, massive sulphides |
| 4812 | 1.0 | 153 | 27901 | 99999 | 230 | 13.0 | channel gossan, hydrozincide |
| 4813 | N/A | 3528 | 4388 | 2061 | 51 | 3.8 | Grab, massive sulphide from old dump |
| 4817 | N/A | 19803 | 75 | 227 | 2320 | 18.8 | Grab mass. sulph from dump |
| 2051 | 1.0 | 287 | N.S. | N.S | 3345 | 12.1 | Channel rusted shear with qtz blebs and sulph species |
| 2053 | 0.5 | 5142 | N.S. | 757 | 17 | 11.5 | porcellan type qtz with sulph. |
| 9067 | N/A | 8380 | 56 | 82 | 9 | 4.7 | Grab massive sulphides |

*N/A = Not Applicable

**N.S = Not Significant

6. Shown on the above table, Vikon No. 1 showings and other lode mineral occurences known to date are mainly base metal mineralization. Localized auric mineralization is indicated by the samples with appreciable gold values (up to 3345 ppb Au). Recent exploration in the immediate area has focused on gold bearing - base metal mineralization in the Triassic Brooklyn beds or the Permo-Carboniferous argillite and metavolcanics. On the Golden Crown north of the subject property, the productive Golden Crown, Winnipeg and Calumet zones also pinch and swell on their strike and vary in mineral content from one section to the other over a total strike ditance of 900 meters. Some sections, 100m-200m in strike length, are associated with only base metal mineralization (copper), lacking the gold values, but change erratically to a gold bearing sulphide vein. The presence of base metal mineralization without gold values in the Golden Crown are based on the authors'core logging and from assay results. Analogous to the presence of non-gold bearing sulphide mineralization at the Golden Crown, the similar mineralogic conditions on the subject property indicates a potential for increased gold-sulphide mineralization, seen elsewhere in the Phoenix-Boundary Mining Camp.

7. The northeastern part of the claim straddling the easterly flowing Skeff Creek is densely forested with thick bush, windfall, and extensive glacial drift covers. Based on the good sampling results from Skeff Creek, 0.44 oz/Au ton, a moderate exploration program should be established to locate gold bearing zones within the Trojan Fr claim area. This area also revealed anomalous copper-moly-gold values from listwanite float material.

## RECOMMENDATIONS

In view of the forgoing observations and conclusions, the PHOENIX claim group warrants continuous exploration in the prime target area, Vikon No. 1 showings and to explore the delineated anomalous, geochemical and geophysical areas. The exploration program should consist of two stages. The initial stage would consist of detailed surveys, trenching, geological mapping, and I.P. surveys. A second stage should consist of diamond drilling to test extensions of the known of newly indicated mineralized zones.

| | |
|---|---|
| Stage 1 | $64,000 |
| Stage 2 | 70,000 |
| Total | $134,000 |

It is recommended that Vikon International Resources Inc. allocate the sum of $64,000 to initiate and execute the first stage of the recommended program.

Respectfully submitted

Laurence Sookochoff, P.Eng

H. Kim, P.Geol., F.G.A.C.

December 31, 1987
Vancouver, B.C.

A REPORT ON THE INITIAL

GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL EXPLORATION

of the

PHOENIX CLAIM GROUP

for

VIKON INTERNATIONAL RESOURCES LTD.

PART B

---

## INTRODUCTION

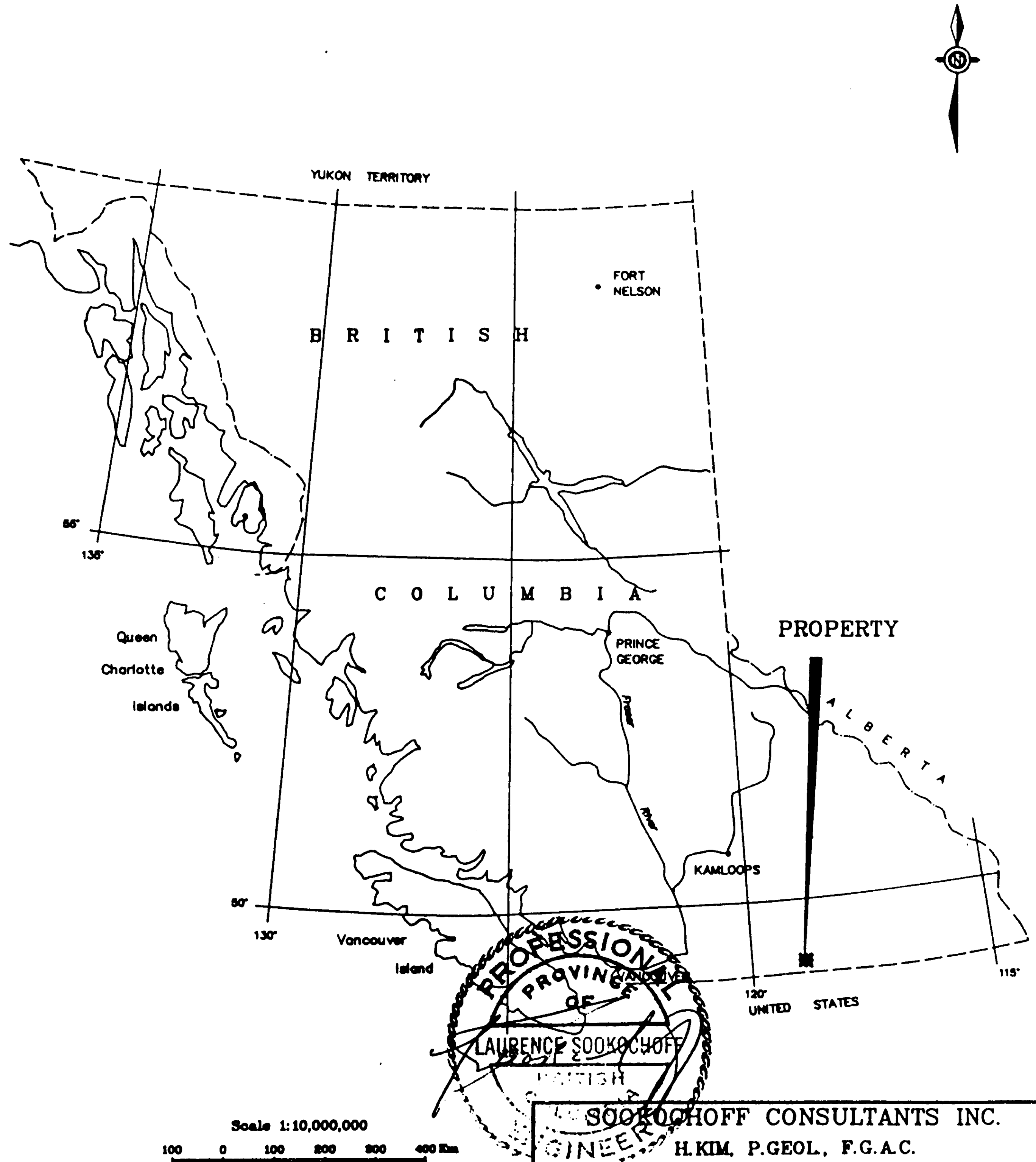
In response to a request by the directors of Vikon International Resources Inc., an exploration program was completed on the PHOENIX claim group for the purpose of locating potentially economic sulphide mineral deposits leading to a commercial operation. The program was completed by Sookochoff Consultants Inc. under the direction and supervision of Laurence Sookochoff, P.Eng and H. Kim, P.Geol., F.G.A.C., who also completed a geological mapping of the trenched mineral showings and the property lithology. H. Kim's geological knowledge of the area is intense, having been employed as mine and exploration geologist at the Phoenix Mine for three and one-half years. Additional information was obtained from previous exploration by both the authors in the Boundary mining area and from the information as cited under References.

## PROPERTY

The PHOENIX claim group consists of a contiguous six two post claims, a 10 unit claim and two reverted crown grants. Particulars are as follows:

| Claim Name | Lot No. | Units | Record No. | Expiry Date |
|---|---|---|---|---|
| Attwood 5-10 | | | 4565-70 | April 28, 1991 |
| Add # 1 | | 10 | 5012 | August 27, 1991 |
| Tripod Fr | 1463s | | 4949 | April 23, 1991 |
| Florance | 1187s | | 4948 | April 23, 1991 |

The L.C.P. and portions of the claim lines were located and determined to have been staked in accordance with prevailing regulations. Any legal aspects to the claim group are beyond the scope of this report.

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PHOENIX CLAIM GROUP
GREENWOOD MINING DIVISION

*LOCATION MAP*

| SCALE: | DATE: | N.T.S. | DRAWN BY: | |
|---|---|---|---|---|
| 1:10,000,000 | Aug. '87 | 82E/2 | GEO-COMP | FIGURE 1 |

## LOCATION AND ACCESS

The PHOENIX property lies four km south of the historically renowned Phoenix Mine in the Boundary District of south-central British Columbia (Figs 1 & 2). Located on map N.T.S. 82E/2, it is centered at Latitude 49° 03' N and Longitude 118° 34'W.

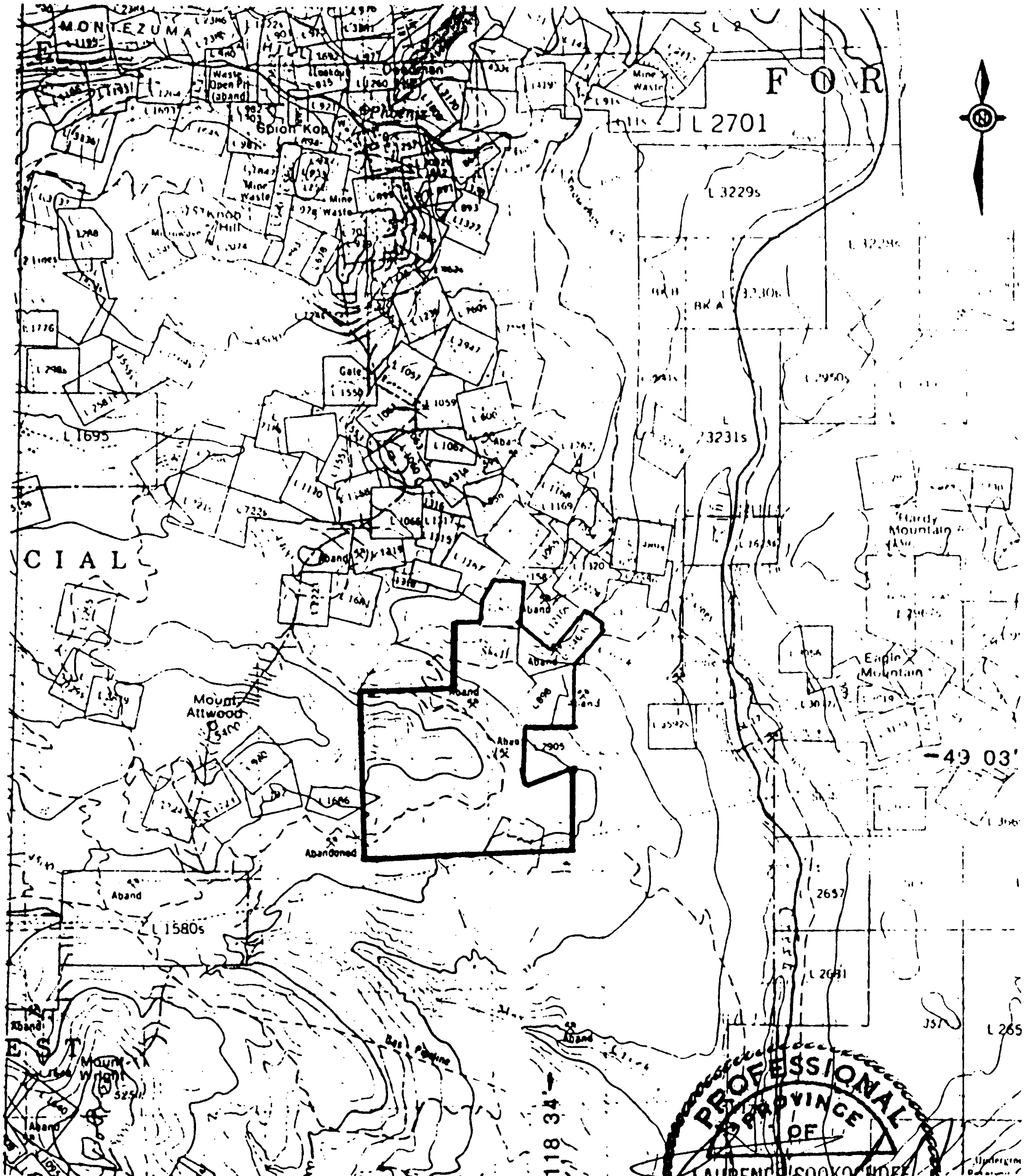
Good access is provided to most parts of the property by numerous bush roads and hydropower line service roads which branch off the main Phoenix-Lone Star mine haulage road. The mine haulage road in turn branches off the Trans-Provincial Highway No. 3 at an approximate point, 20 road km from the city centre of Grand Forks. Most goods and services including a labour force are available in Greenwood, 7 km to the northwest, as well as in the larger centre of Grand Forks, 13 air km to the southeast. Grand Forks was once the centre of mining activities with a major smelter for treatment of the Phoenix ores prior to 1919 and now hosts an area population of some 6,500.

## PHYSIOGRAPHY, CLIMATE, WATER AND POWER

The PHOENIX property straddles an eastern part of Mt. Attwood, between Skeff Creek and May Creek. The most prominent topographic and economic feature would be noted at the easterly flowing Skeff Creek near the northern boundary, where a stream bed and soil samples returned unusually high gold-silver values; 0.44 oz/tonne Au and 6.48 oz/tonne Ag.

The ground slopes moderately eastward, and elevations vary from 1036 m above sea level (3400 feet a.s.l) at Skeff Creek on the northeast corner to 1420 m (4550 ft) at a ridge on the central west side of the property.

In general, the northeastern sector of the property for the most part is densely forested, with a moderately steep slope and extensive glacial cover. Also, much of the southern sector is scarcely outcropped except the hydropower line service roads. The central portion of the property is characterized by rocky hills with several limestone escarpments.



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GREENWOOD MINING DIVISION

*CLAIM MAP*

| SCALE | DATE | N.T.S. | DRAWN BY | FIGURE |
|---|---|---|---|---|
| 1: 25,000 | Aug. '87 | 82E/2 | GEO-COMP | 2 |

The Lone Star mine haulage road in this area displays impressively an exposure of dark reddish brown, rustily weathered chert and cherty argillite along the road cut.

Vegetation consists of open fir, cedar and pine forest.

The climate is moderately mild with low summer precipitation and moderate winter snow falls. Annual precipitation is plus or munus 30 cm. The regional temperature ranges from -15° to +40°C. Snow in the area occurs by mid-November and is snowfree by the end of April.

Sufficient water for all phases of the exploration program would be available from Skeff Creek or from its various upstream tributaries. Sand and gravel would be readily available in the area of glacio-fluvium cover on the northeast portion of the property.

A local hydropower line passes through the southern boundary of the claims with a gas pipeline within two km to the south of the property.

## TRANSPORTATION AND SUPPLIES

A Canadian Pacific Railway line passes through Grand Forks. Castlegar, 90 km east of Grand Forks is serviced daily by commercial airlines. Most exploration and industrial supplies would be available at Grand Forks.

## HISTORY

### 1. General Phoenix-Boundary District

Lode mineralization in the Boundary district was first recorded near Boundary Falls in 1884. In the 1890's, most of the important deposits including those at Phoenix, Motherlode and Deadwood camps had been found, followed by construction of copper smelting plants at Grand Forks, Greenwood and Boundary Falls, and completion of a railway into the Boundary Mining Camp in the 1900's. The major mine was the Phoenix camp, four km north of the subject property.

The total production from Phoenix to the closure in 1976 was 27 million tons averaging 0.85% copper, 0.033 oz/ton gold and 0.20 oz/ton silver. Since 1977, the abandoned Phoenix open pit has been under the custody of Noranda Mines who took over the Phoenix property from Granby Mining Corporation. Other deposits in the area were the Oro Denoro, Skylark and Dentonia mines, all of which are within three km from the Phoenix.

The Jewel mine south of Jewel Lake and eight km northeast of Greenwood reportedly produced 66,500 tons of ore from a Tertiary quartz vein, grading 0.32 oz/ton and 2.0 oz/ton silver.

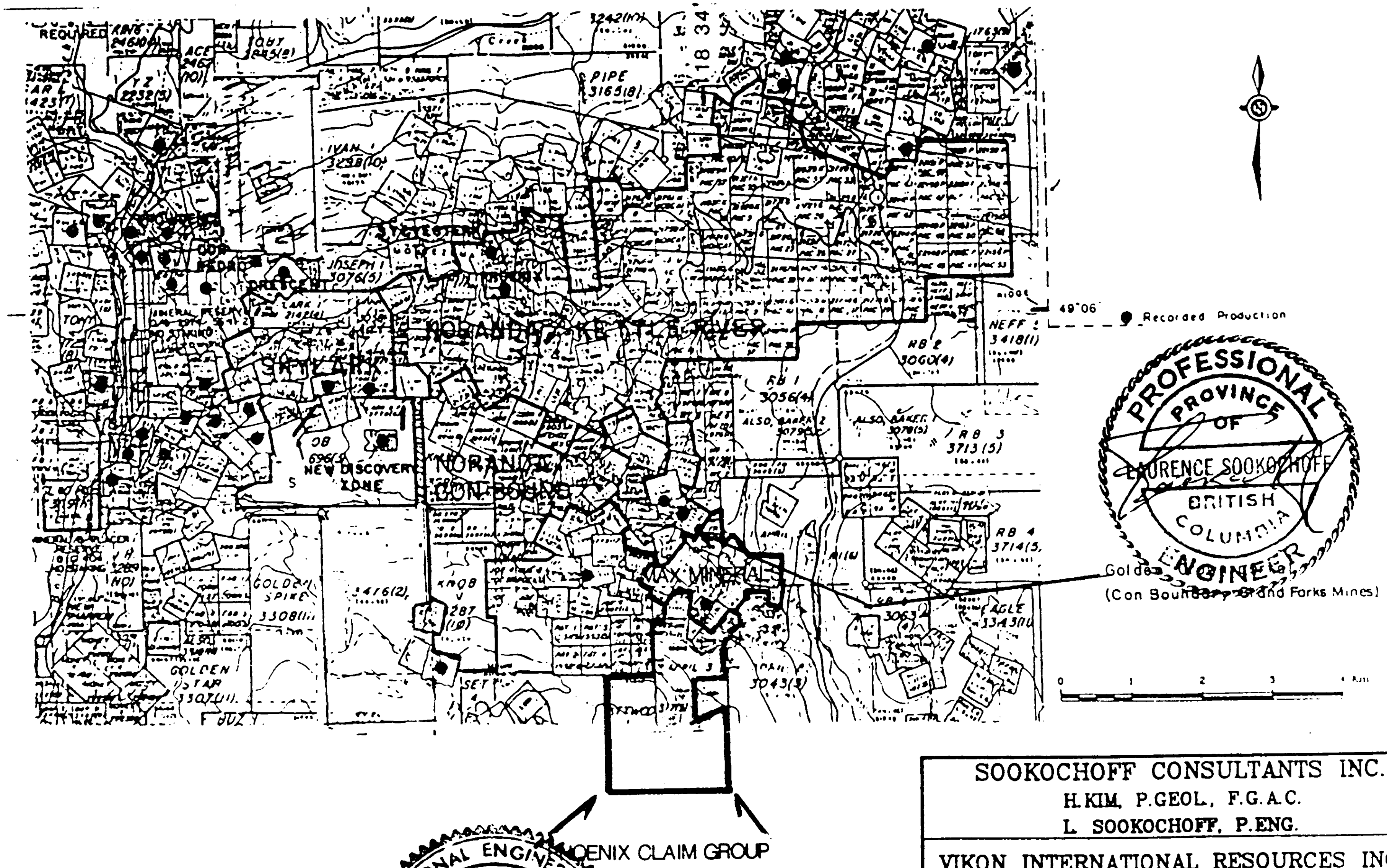
The inactive Providence mine, two km northeast of Greenwood was a high grade operation, which produced a total 11,451 tons averaging 0.51 oz/ton gold and 119 oz/ton silver to yield a total of 5,867 ounces of gold and 1,361,433 ounces of silver.

2. PHOENIX Property and Adjacent Mines

As stated earlier, three major smelters were built at Grand Forks, Greenwood and Boundary Falls in the 1890's. These smelters accepted any gold-bearing ore from the surrounding areas for custom milling. Several small mining operations were developed in addition to the main copper production at Phoenix, Motherlode and numerous lode gold prospecting in the area.

At the Golden Crown and Winnipeg claims, one km north of the property, approximately 8000 feet of drifts and shafts were completed by 1905. Development and shipping of ores from both claims continued in 1901 to 1902 and 1910 to 1912. Reported production from these two claims are:

| | |
|---|---|
| -Golden Crown = | 2,742 tons, grading 0.45 oz Au/ton, 0.82 oz/Ag ton and 1.53% Cu. |
| -Winnipeg = | 58,722 tons, grading 0.2 oz Au/ton, 0.62 oz Ag/ton and 0.16 % Cu. |

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GREENWOOD MINING DIVISION

*SURROUNDING MINERAL OCCURRENCES*

| SCALE: 1:50,000 | DATE: Aug. '87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 2a |
|---|---|---|---|---|

Whilst significant gold production was realized from the Golden Crown and Winnipeg workings prior to 1912, the mines have been virtually dormant since 1964. Exploration at the Winnipeg-Golden Crown resumed in 1965 and had been periodically operated until 1980. Since 1983, the Golden Crown has been continually explored by the Consolidated Boundary Exploration-Grand Forks Mines Ltd., venture. A total of 74,000 tons at a grade of 0.44 oz/ton gold, 0.913 oz/ton silver and 0.66% copper has been drill indicated.

Recently active exploration in the area includes the Athelstan Jackpot mine operated by Max Minerals and adjoining to the north the Sylvester K north of the Phoenix and the Crown four km northwest of the property. The current exploration program on the Crown optioned by Noranda resulted in a reported 0.22 oz/ton gold over a total length of 11m within a trench.

Max Minerals (McDougall 1986) reports that gold and silver mineralization on the property occurs within listwanite. Ore lenses range up to 2.4 metres wide.

At the date of this documentation, an exploration program by reverse circulation drilling and diamond drilling is in progress at the Crown and Athelstan Jackpot properties.

A topographic map, N.T.S. 82E/2, Greenwood, 1 to 50,000 scale shows two abandonded mine sites within the PHOENIX claim group. On actual field inspection, no significant physical mine workings nor mine dumps were observed at the indicated abandonded mine sites. However, several shallow shafts and trenches are located in the central sector of the property where the country rock is dominated by iron-rusted cherty argillite and chert with localized minor skarnification. These prospect shafts and trenches were apparently developed in the late 1950's when the Overlander workings on the westerly adjoining SET claim were developed (S. Ruzika, local prospector, 1986 - personal communication).

From 1969 to 1982, exploration on the Vikon-Phoenix property had been periodically operational until 1982. The companies involved were Granby Mining, Tofino Mines, and Banquest Resources Ltd. In summary, exploration works achieved on the property until 1985 did not cover the entire area of the present claims, but isolated geochemical or geophysical grids over numerous parts of the property (See References).

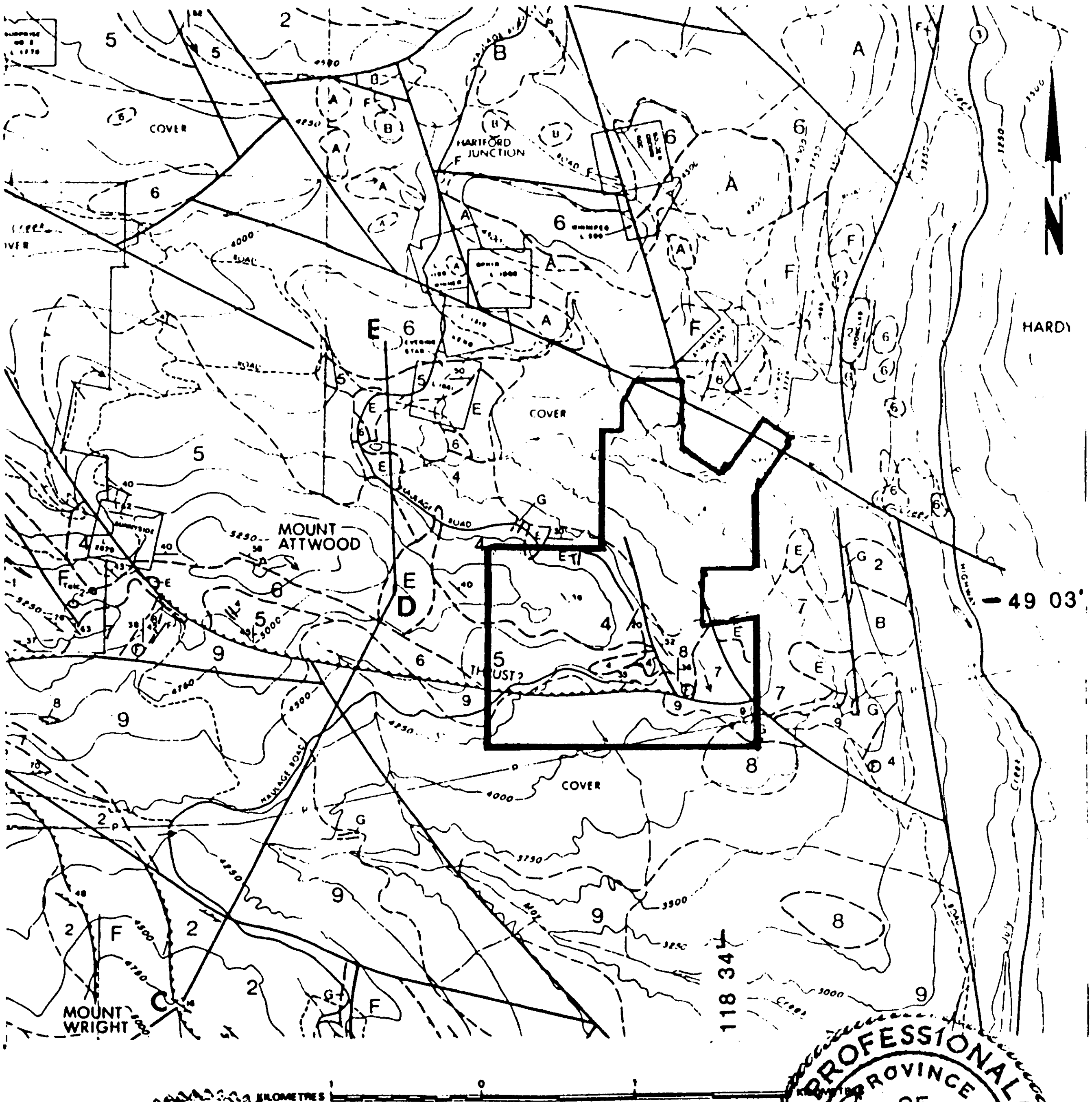
## 7. GEOLOGY

### 1. Regional Geology

A provincial paper 1986-2, "Geological Setting and Mineralization in the Mt. Attwood-Phoenix Area of the Greenwood Mining Camp" by B.N. Church updates the information on the regional geology and economic mineral deposits in the Boundary district. A geological report in the area by Kim (1975) forms a part of the Bibliography for the report by Church (1985 & 1986).

Church presented twenty-two map units in the Mt. Attwood-Greenwood Area. These include metamorphic, sedimentary, intrusive and extrusive igneous rocks ranging in age from Permo-Carboniferous to Tertiary that "reflect multiple episodes of deformation and igneous intrusion". The PHOENIX property occupies approximately a centre of this regional geological map. A portion of this map is presented in Fig. 3 of this report.

Mineral deposits in the Phoenix-Boundary Mining Camp area vary, ranging from contact metasomatic skarn deposits with base metal occurences to fissure-controlled quartz veining and sulphide deposits carrying precious metal values. Other mineral occurences of note that have received attention are the Lexington copper-gold deposit and the Tam O'Shanter epithermal vein mineralization associated with Tertiary faults.

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PHOENIX CLAIM GROUP

GREENWOOD MINING DIVISION

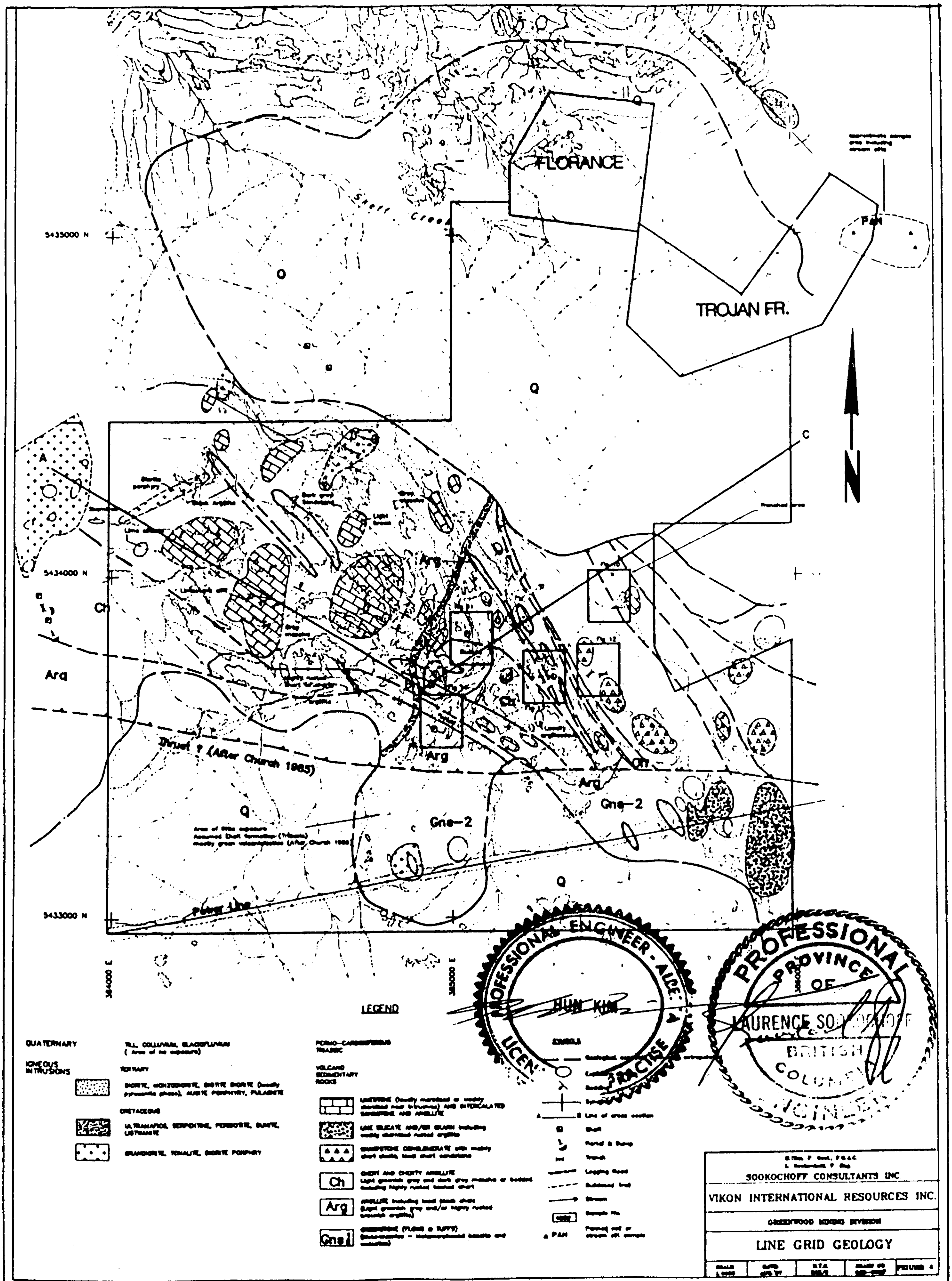
*REGIONAL GEOLOGY*
After Church 1965

| | DATE: | N.T.S. | DRAWN BY: | FIGURE: |
|---|---|---|---|---|
| | Aug.'87 | 82E/2 | GEO-COMP | 3 |

2. Local Geology

A handicap to geological mapping in the northwestern and southern part, covering approximately 60% of the total property area, is the widespread glacial drift cover, densely forested with thick bush and windfall. The rock exposure is confined to the central rocky ridge area. Within this context in view, the property geology is dominated by limestone, argillite and chert (Figs. 3 & 4).. The map unit chert ("Ch" on Fig. 4) includes cherty argillite and intercalated argillite beds. Therefore, the two map units can be in general grouped to one unit as "argillite" (Church's map unit 5). The argillite to chert member is overlain by limestone which is exposed discontinuously along the nine kilometer faulted length of Mt. Attwood ridge (Church 1986). The limestone is a conformable, mostly light grey bed dipping 25 to 60° northeast. Dark grey sandstone and siltstone beds, less than 10 m in thickness, are intercalated within the limestone unit. Folding with an observed syncline is evident in the limestone bed. It has a maximum thickness of 100 meters (Church 1986). The next most prevalent rock type exposed on the property is sharpstone conglomerate; angular chert pebble conglomerate (Church's map unit 7).

Based on a study of the fossils in the area, the limestone and argillite are assigned to the Attwood Group of Permo-Carboniferous age (Church 1985 & 1986). These rocks are underlain by stratigraphically higher Triassic Eholt formation, resulted by a regional thrust fault which passes through near the southern boundary of the claim. The Attwood Group rocks are intruded by smaller granodiorite dykes and stocks, which are undoubtly associated with larger stocks of the same intrusive rocks near the Mt. Attwood summit, Skeff Creek and Greenwood granodiorite pluton. The age of this intrusion falls into the Lower Cretaceous (Church 1986). Lime silicate and skarn deposits are located within the apparent underlying or exposed granodiorite contact zone. Also, quartz veining carrying high grade precious metals of up to 1.61 oz Au/ton across 0.45 m occurs near the granodiorite contact zone on the westerly adjoining SET claims.



FLORANCE
TROJAN FR.
Q
Arg
Ch
Gne-2
Thrust ? (After Church 1985)
Power Line
5435000 N
5434000 N
5433000 N
384000 E
385000 E
N
LEGEND
QUATERNARY
IGNEOUS INTRUSIONS
PERMO-CARBONIFEROUS TRIASSIC
Ch
Arg
PAH
SOOKOCHOFF CONSULTANTS INC
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LINE GRID GEOLOGY
FIGURE 4
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Major northwest block faults disrupt the regional district as indicated on Fig.3. Whilst only one northwest trending fault is shown on Fig. 4, adapted from Chruch, multiple parallel sets of NW trending faulting may be concealed in the area of no exposure. Such faulting might result in syngenetic shearing (fissure), trending northwest at the property and surrounding claims, provided channels for mineralizing fluids, granodiorite or other intrusions.

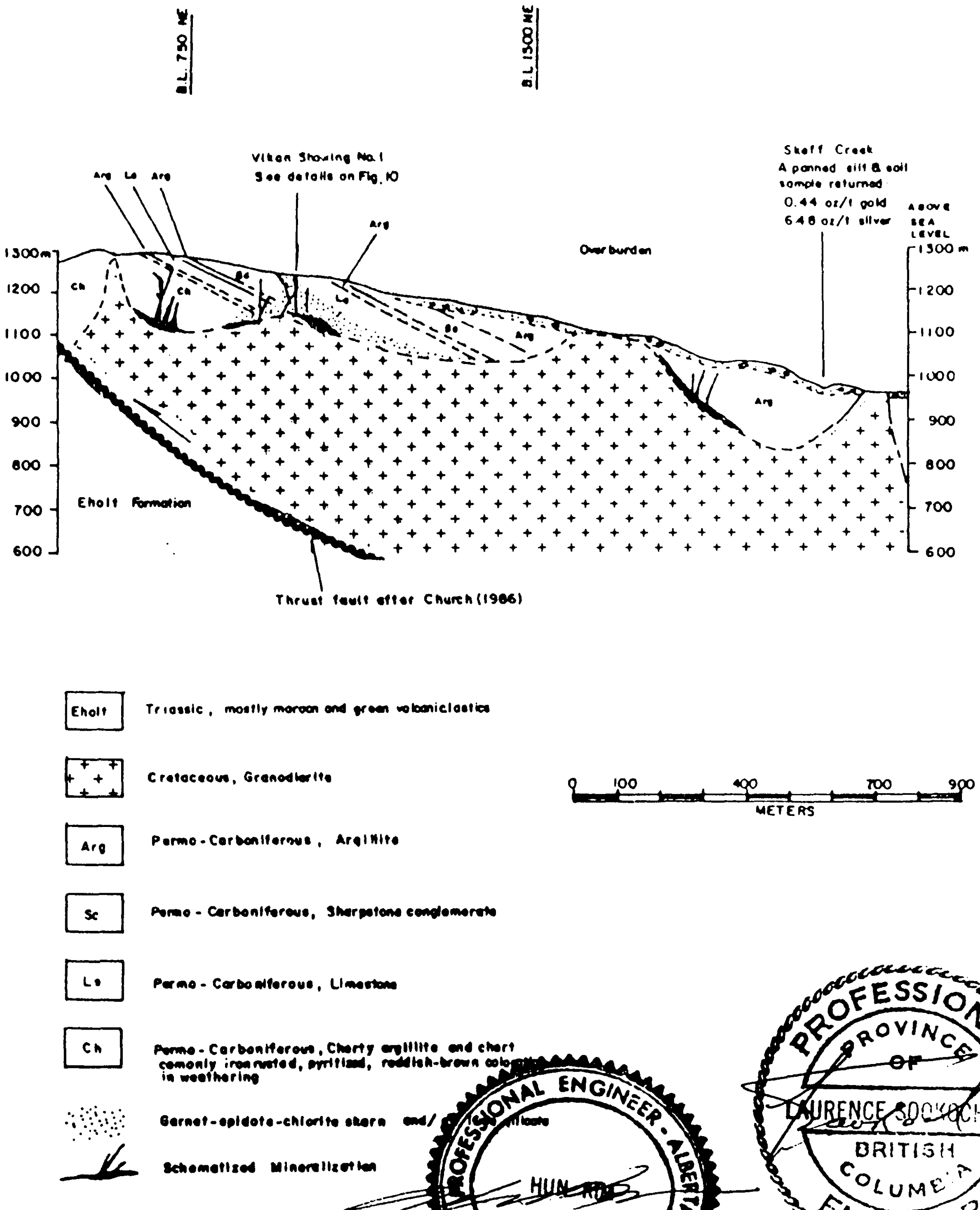
3. <u>Alteration</u>

The mineral showings on the property are accompanied by one meter or more of alteration on either side of the mineralized structure. Rusty weathering, pyritization, shearing, propylitization, argillic and garnet skarn alteration are common features in the limestone formation in contacts with or near the granodiorite intrusion. Fissure-controlled sulphide bearing structures with significant base metal values are accompanied by up to five meter zones of rustily weathered "buff brown" carbonation (ankerite), silicification and propylitization. Most of the chert and cherty argillite on the property are highly pyritized, and oxidized to a reddish brown coloration.

Adjacent and north of Skeff Creek on the Trojan Fr. claim and some 200 metres west of the Pan smaple (Fig.4) highly carbonated light brown weathering angular boulders were located. The boulders host quartz veins up to six inches wide with occasional magnetite crystals

8. <u>MINERAL OCCURENCES</u>

Lode mineralization known to date on the property occurs mainly as fissure fillings and replacement sulphide veins along predominantly northwest trending 60° to 90° dipping shear zones hosted by highly oxidized, fractured argillite, chert and sharpstone conglomerate in order of abundance. A garnet skarn deposit with rich copper mineralization is located within the limestone. B.N. Church (1986) has given an emphasis on the argillite as favourable host rock for precious metal mineralization:

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PHOENIX CLAIM GROUP

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*GEOLOGICAL PROFILE*
along line 500 NW

| DATE: Aug.'87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 5 |
|---|---|---|---|

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"Significant mineral production has been realized from deposits in the argillite (5) and volcanic (6) formations of the Attwood Group. This production is mostly from precious vein systems related to faults and fractures satellitic to plutonic intrusions" (Church 1986). In the immediate area (Set claims), the Overlander quartz vein is hosted by rustily weathered cherty argillite, with values of up to 1.61 oz/Au ton across 0.45 m.

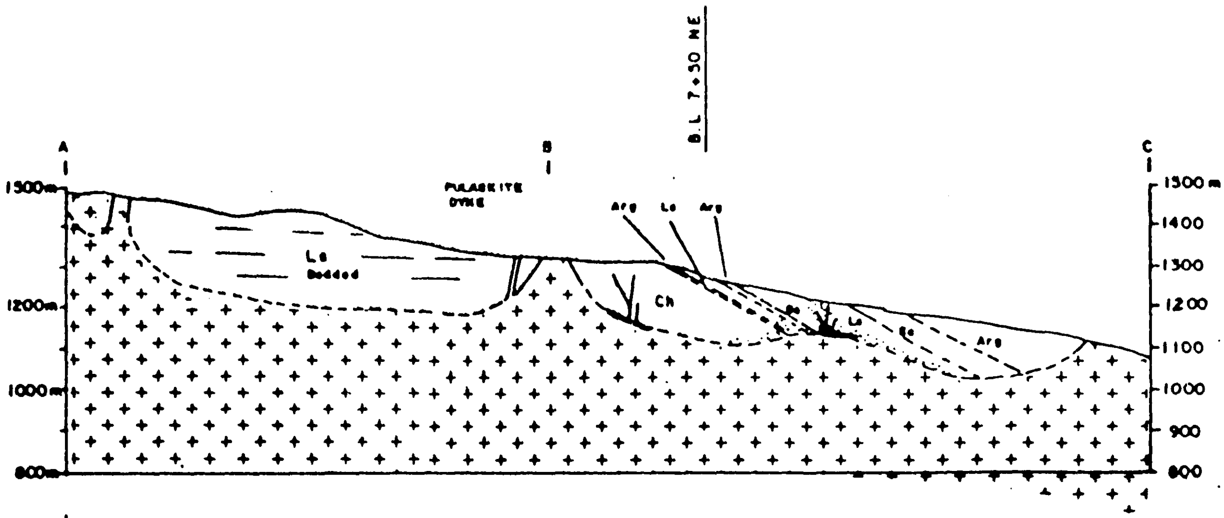
A Panned sample collected from Skeff Creek returned 0.44 oz/ton gold. The causitive source of this high grade sample could exist in the upstream tributaries on the northeastern sector of the property and on the Tripod Fr. claim. The Tripod Fr. claim was not covered in the exploration program as it was acquired at a later date. (Skeff Creek is a designated placer creek)

All mineral showings were mapped, sampled, and presented in Figs. 10-14. Since all the respective geological sketches are self-explanatory, a geological description is not required. However, important geological findings on the mineral showings on the property are summarized in PART A of this report.

## 9. ASSAY RESULTS

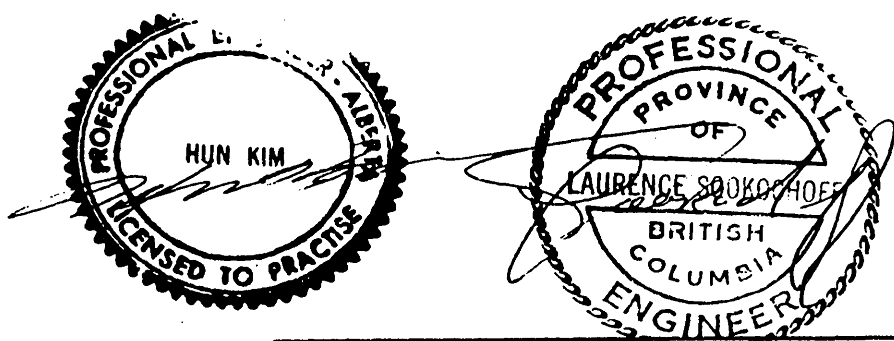
Channel, chip and grab samples were taken from the sulphide showings, wall rocks and the old dumps within the property and the respective sampling results are summarized in the following table. The locations of these samples are depicted on the accompanying maps and are summarized in Appendix II.

In addition a sample was taken of a brownish-carbonated float material occuring at Skeff Creek on the Trojan Fr. claim. This sample of listwanite appears similar to the listwanite gold-silver bearing zones on the Max Mineral ground adjacent to the north. The sample returned 16 ppb Au, 1026 ppm Cu and 117 ppm Mo - all anomalous values.




LEGEND ( For detail, ref. to Fig. 5 )

| | |
|---|---|
| + + | Granodiorite |
| Arg | Argillite |
| Sc | Sharpstone conglomerate |
| Ls | Limestone |
| Ch | Cherty argillite &/or Chert |
| (dots) | Skarn deposit, schematized |
| (symbol) | Mineralization, schematized |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PHOENIX CLAIM GROUP
GREENWOOD MINING DIVISION

*GEOLOGICAL PROFILE*
A – A

| | DATE: Aug.'87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 6 |
|---|---|---|---|---|

## 10. REVIEW OF EXPLORATION ON THE PROPERTY

Recce geochemical and geophysical surveys were performed over most of the area with detailed VLF-EM surveys completed over two selected localized areas. Exploration work was not carried out on the recently acquired Trojan Fr. and Florence reverted crown grants.

### GEOCHEMICAL SURVEYS

The geochemical survey disclosed one large prime area for exploration within the central eastern portion of the property. Numerous correlative multielement geochemical anomalies occur within this larger area which include old workings and appear to be localized generally proximal to intersecting structures. Indicated structures within the workings area and Areas A and B trend easterly en-echelon with northerly structures offsetting the primary structures. The en-echelon easterly and northerly structures are confirmed on a smaller scale in the detailed survey area.

Other areas of correlative multielement anomalies include Area C, east of Area A; Area D, an area southeast of Area B where mineral controlling cross-structures are not apparent but may occur; Area E and Area F, two areas along the western boundary where gold bearing quartz veins that occur on the adjacent property (Overlander workings) may extend onto the Phoenix claim group.

## 11. RECOMMENDED WORK PROGRAM

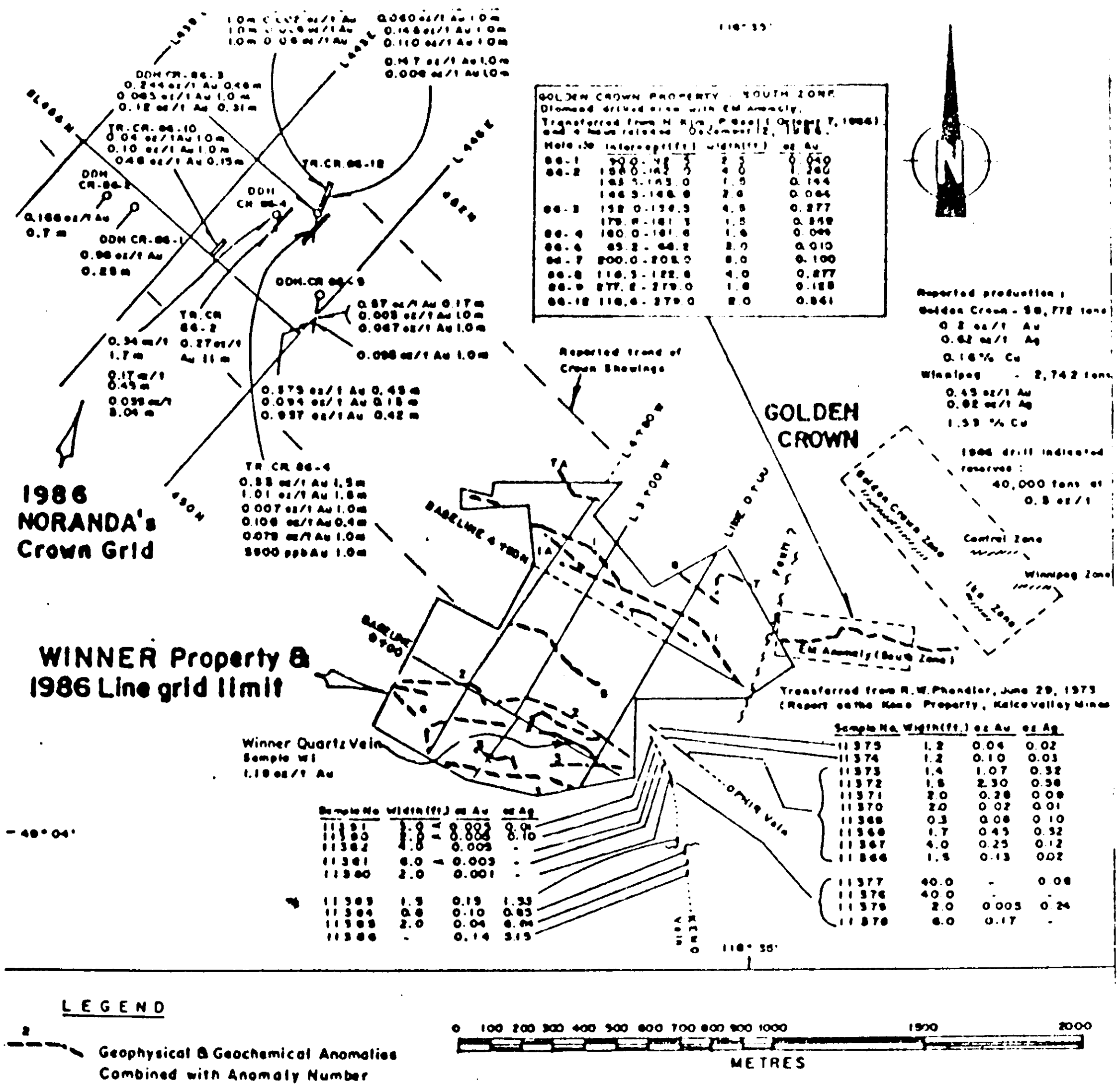
### Stage I

1. Silt sampling in the Skeff Creek area (Trojan Fr. and Florance claims) with detailed soil sampling, VLF-EM and I.P. surveys in designated anomalous areas.

2. Trenching, blasting, (if necessary), geological mapping and sampling the new prime target anomalies.

### Stage II

Contingent on the encouraging results of the Stage I work, 500 m of core drilling should be undertaken to test for potentially economic mineral zones.




**LEGEND**

Geophysical & Geochemical Anomalies Combined with Anomaly Number

Vein exposed

**NOTE:**

This map is derived from the following data believed to be reliable, but its accuracy is not guaranteed.

1. 1984 & 1985 Ass. Reports (Sookochoff, P.Eng
2. 1986 Complementary Report (Kim, P. Geol.)
3. News release by Consol. Boundary Expl. Ltd. & Grand Forks Mines Ltd., December 12, 1986.
4. Noranda Mines' progress report on Crown property, Dececember 1986.
5. 1973 Geology Report (Phendler, P. Eng.)

For details, consult Bibliography

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GREENWOOD MINING DIVISION

*COMPILATION*

| | DATE: | N.T.S. | DRAWN BY: | FIGURE: 8 |
|---|---|---|---|---|
| | Aug.'87 | 82E/2 | GEO-COMP | |

Results of various programs

## 12. ESTIMATED COSTS

### Stage I

| | |
|---|---|
| Geochem; 300 silt and soil samples @ $20 | $6,000 |
| EM-16 survey (detailed), allow | 5,000 |
| I.P. survey allow | 15,000 |
| Trenching, (Hydraulic D8) 100 hours @ $120 | 9,000 |
| Blasting, allow | 2,000 |
| Geological mapping, sampling | 6,000 |
| Assays 100 samples @ $20 | 2,000 |
| Associated field expenses (Accomodation, meals, transport, field supplies) | 5,000 |
| Engineering and supervision | 8,500 |
| Contingencies | 5,500 |
| sub-total | $64,000 |

Stage II

| | |
|---|---|
| Test Diamond drilling - 450 m @ $100. | $45,000 |
| Logging, sampling assaying and reporting | 8,000 |
| Associated Expenses (accomodation, meals, field supplies, transport) | 5,000 |
| Engineering and Supervision | 8,000 |
| Contingencies | 4,000 |
| subtotal | $70,000 |
| Two-stage total | $134,000 |

Stage II would only be commenced upon the completion and encouraging results of Stage I.

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Respectfully submitted,

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H. Kim, P.Geol., F.G.A.C.

December 31, 1987
Vancouver, B.C.

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# APPENDIX I

## Assay Certificates

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80MESH

DATE RECEIVED: JUNE 17 1987 DATE REPORT MAILED: June 22/87 ASSAYER. D.Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF CONSULTANTS PROJECT - TROUVER File # 87-1827 Page 1

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 30 | 11 | 85 | .1 | 30 | 9 | 171 | 2.43 | 12 | 5 | ND | 4 | 42 | 1 | 4 | 2 | 41 | .40 | .055 | 8 | 29 | .41 | 148 | .11 | 4 | 2.10 | .03 | .04 | 3 |
| 2 | 1 | 27 | 9 | 106 | .1 | 25 | 8 | 228 | 2.11 | 9 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 40 | .33 | .075 | 7 | 27 | .39 | 126 | .11 | 3 | 1.61 | .03 | .07 | 1 |
| 3 | 1 | 30 | 15 | 87 | .1 | 24 | 7 | 425 | 2.01 | 13 | 5 | ND | 7 | 30 | 1 | 3 | 2 | 34 | .29 | .146 | 9 | 22 | .34 | 177 | .12 | 5 | 2.42 | .04 | .07 | 1 |
| 4 | 1 | 28 | 12 | 99 | .1 | 30 | 8 | 395 | 2.06 | 17 | 5 | ND | 4 | 41 | 1 | 2 | 2 | 34 | .30 | .089 | 9 | 22 | .35 | 126 | .11 | 5 | 1.91 | .04 | .07 | 1 |
| 5 | 1 | 35 | 12 | 114 | .1 | 37 | 9 | 415 | 2.48 | 27 | 5 | ND | 5 | 30 | 1 | 3 | 2 | 39 | .32 | .121 | 9 | 25 | .44 | 141 | .09 | 3 | 1.67 | .03 | .07 | 1 |
| 6 | 1 | 32 | 15 | 172 | 6.1 | 46 | 8 | 377 | 2.37 | 13 | 6 | 7 | 4 | 48 | 1 | 3 | 2 | 29 | .41 | .100 | 13 | 18 | .30 | 155 | .10 | 5 | 1.97 | .04 | .08 | 2 |
| 7 | 2 | 35 | 14 | 175 | .1 | 54 | 9 | 473 | 2.94 | 25 | 5 | ND | 5 | 52 | 1 | 5 | 5 | 32 | .34 | .128 | 15 | 15 | .23 | 200 | .09 | 4 | 1.71 | .03 | .09 | 1 |
| 8 | 3 | 35 | 22 | 232 | .5 | 58 | 9 | 475 | 3.13 | 13 | 5 | ND | 6 | 89 | 2 | 6 | 2 | 34 | .73 | .159 | 22 | 21 | .33 | 229 | .09 | 7 | 2.11 | .03 | .13 | 1 |
| 9 | 3 | 34 | 22 | 221 | .5 | 56 | 9 | 447 | 2.95 | 15 | 5 | ND | 6 | 91 | 1 | 6 | 2 | 32 | .73 | .155 | 21 | 22 | .32 | 219 | .08 | 7 | 2.01 | .03 | .13 | 2 |
| 10 | 3 | 115 | 113 | 433 | 4.8 | 62 | 9 | 850 | 3.07 | 25 | 6 | ND | 3 | 86 | 3 | 22 | 4 | 34 | .90 | .159 | 16 | 22 | .39 | 1003 | .06 | 5 | 1.40 | .03 | .08 | 1 |
| 11 | 1 | 38 | 19 | 155 | .3 | 31 | 7 | 938 | 2.23 | 42 | 5 | ND | 4 | 44 | 1 | 2 | 2 | 34 | .43 | .056 | 11 | 20 | .38 | 261 | .10 | 5 | 2.05 | .03 | .12 | 1 |
| 12 | 1 | 27 | 9 | 63 | .1 | 25 | 7 | 496 | 2.11 | 18 | 5 | ND | 4 | 33 | 1 | 2 | 2 | 34 | .34 | .030 | 9 | 23 | .39 | 159 | .10 | 4 | 1.75 | .03 | .11 | 1 |
| 13 | 1 | 32 | 10 | 70 | .1 | 13 | 6 | 590 | 2.07 | 28 | 5 | ND | 3 | 28 | 1 | 2 | 2 | 28 | .41 | .051 | 7 | 15 | .28 | 148 | .08 | 5 | 1.53 | .04 | .09 | 1 |
| 14 | 1 | 59 | 9 | 131 | .1 | 36 | 8 | 1011 | 2.56 | 129 | 5 | ND | 3 | 29 | 1 | 5 | 2 | 34 | .44 | .065 | 12 | 21 | .40 | 219 | .09 | 4 | 2.04 | .03 | .12 | 1 |
| 15 | 6 | 96 | 16 | 143 | .3 | 138 | 18 | 2757 | 3.37 | 183 | 5 | ND | 3 | 43 | 1 | 5 | 4 | 48 | .69 | .195 | 13 | 46 | .63 | 258 | .11 | 5 | 2.62 | .03 | .09 | 2 |
| 16 | 6 | 463 | 38 | 273 | .8 | 250 | 31 | 2442 | 6.77 | 363 | 9 | ND | 2 | 41 | 1 | 10 | 4 | 81 | .73 | .110 | 13 | 44 | .42 | 182 | .08 | 4 | 1.40 | .02 | .07 | 1 |
| 17 | 1 | 38 | 9 | 102 | .1 | 27 | 7 | 479 | 1.87 | 17 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 31 | .28 | .181 | 7 | 20 | .29 | 182 | .10 | 3 | 1.70 | .03 | .08 | 1 |
| 18 | 1 | 38 | 10 | 85 | .2 | 28 | 8 | 315 | 2.17 | 14 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 38 | .33 | .079 | 8 | 25 | .34 | 179 | .12 | 4 | 2.00 | .04 | .08 | 1 |
| 19 | 1 | 22 | 13 | 59 | .2 | 23 | 7 | 365 | 2.05 | 5 | 5 | ND | 4 | 46 | 1 | 2 | 2 | 30 | .47 | .012 | 11 | 21 | .30 | 101 | .11 | 3 | 1.98 | .04 | .06 | 1 |
| 20 | 1 | 27 | 7 | 67 | .1 | 27 | 6 | 289 | 1.82 | 7 | 5 | ND | 3 | 54 | 1 | 2 | 2 | 28 | .49 | .074 | 10 | 21 | .32 | 121 | .09 | 4 | 1.55 | .04 | .05 | 2 |
| 21 | 1 | 31 | 14 | 179 | .3 | 44 | 7 | 258 | 2.29 | 21 | 6 | ND | 4 | 37 | 1 | 5 | 3 | 29 | .31 | .065 | 12 | 16 | .22 | 147 | .08 | 5 | 1.62 | .03 | .07 | 1 |
| 22 | 1 | 23 | 8 | 97 | .1 | 24 | 6 | 225 | 1.68 | 13 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 29 | .26 | .074 | 6 | 17 | .26 | 121 | .08 | 4 | 1.33 | .04 | .05 | 1 |
| 23 | 5 | 42 | 18 | 206 | .4 | 67 | 9 | 226 | 3.17 | 23 | 5 | ND | 4 | 53 | 1 | 7 | 3 | 31 | .30 | .096 | 15 | 20 | .35 | 207 | .07 | 4 | 1.82 | .03 | .10 | 1 |
| 24 | 4 | 56 | 15 | 230 | .7 | 72 | 8 | 159 | 2.73 | 27 | 5 | ND | 4 | 58 | 1 | 6 | 2 | 28 | .30 | .103 | 17 | 18 | .31 | 175 | .07 | 6 | 1.72 | .03 | .10 | 1 |
| 25 | 2 | 39 | 15 | 164 | .3 | 44 | 9 | 366 | 2.51 | 12 | 5 | ND | 4 | 53 | 1 | 2 | 2 | 36 | .42 | .142 | 13 | 27 | .39 | 184 | .10 | 5 | 1.92 | .03 | .08 | 1 |
| 26 | 1 | 33 | 16 | 178 | .1 | 37 | 8 | 635 | 2.47 | 23 | 5 | ND | 5 | 38 | 1 | 2 | 2 | 35 | .37 | .103 | 12 | 26 | .41 | 232 | .11 | 5 | 2.00 | .03 | .09 | 1 |
| 27 | 1 | 52 | 13 | 88 | .1 | 21 | 9 | 1107 | 2.38 | 18 | 5 | ND | 3 | 79 | 1 | 2 | 2 | 37 | .84 | .084 | 16 | 23 | .41 | 189 | .11 | 4 | 2.53 | .04 | .08 | 1 |
| 28 | 1 | 48 | 21 | 121 | .1 | 10 | 8 | 2877 | 2.28 | 25 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 38 | .69 | .153 | 10 | 13 | .33 | 318 | .06 | 4 | 1.50 | .03 | .08 | 1 |
| 29 | 1 | 45 | 13 | 81 | .1 | 27 | 11 | 1012 | 2.49 | 16 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 41 | .38 | .048 | 12 | 27 | .44 | 161 | .11 | 2 | 2.16 | .03 | .07 | 1 |
| 30 | 3 | 54 | 22 | 110 | .1 | 30 | 11 | 1481 | 3.38 | 55 | 5 | ND | 4 | 30 | 1 | 2 | 2 | 47 | .46 | .046 | 15 | 23 | .57 | 159 | .10 | 6 | 2.20 | .03 | .17 | 3 |
| 31 | 2 | 54 | 13 | 140 | .1 | 23 | 7 | 2185 | 2.44 | 82 | 5 | ND | 2 | 44 | 1 | 2 | 2 | 36 | .74 | .115 | 15 | 20 | .47 | 230 | .11 | 6 | 2.49 | .03 | .16 | 1 |
| 32 | 13 | 86 | 20 | 117 | .3 | 28 | 8 | 4924 | 2.42 | 55 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 32 | .84 | .042 | 11 | 17 | .28 | 167 | .09 | 5 | 1.65 | .03 | .08 | 1 |
| 33 | 1 | 28 | 8 | 116 | .1 | 33 | 8 | 357 | 2.24 | 12 | 5 | ND | 4 | 33 | 1 | 3 | 3 | 34 | .35 | .059 | 11 | 22 | .38 | 157 | .10 | 4 | 1.99 | .04 | .06 | 2 |
| 34 | 1 | 24 | 13 | 115 | .1 | 25 | 6 | 572 | 1.90 | 16 | 5 | ND | 2 | 39 | 1 | 2 | 3 | 31 | .34 | .113 | 8 | 21 | .28 | 171 | .09 | 4 | 1.52 | .03 | .08 | 1 |
| 35 | 1 | 27 | 19 | 130 | .1 | 30 | 7 | 676 | 2.08 | 16 | 5 | ND | 2 | 32 | 1 | 3 | 2 | 33 | .27 | .103 | 8 | 22 | .31 | 142 | .09 | 4 | 1.40 | .03 | .07 | 2 |
| 36 | 1 | 23 | 11 | 133 | .1 | 39 | 7 | 349 | 2.10 | 9 | 5 | ND | 3 | 33 | 1 | 3 | 2 | 32 | .26 | .076 | 10 | 16 | .25 | 144 | .11 | 5 | 1.81 | .04 | .06 | 1 |
| STD C | 20 | 59 | 40 | 139 | 7.0 | 71 | 29 | 1034 | 3.98 | 44 | 16 | 7 | 35 | 49 | 18 | 17 | 19 | 65 | .45 | .102 | 37 | 58 | .84 | 183 | .08 | 33 | 1.67 | .07 | .14 | 12 |

## SOOKOCHOFF PROJECT - TROUVEE FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 2 | 25 | 12 | 175 | .3 | 41 | 7 | 392 | 2.37 | 29 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 25 | .17 | .150 | 7 | 10 | .19 | 167 | .07 | 4 | 1.51 | .03 | .07 | 1 |
| 38 | 1 | 25 | 8 | 219 | .1 | 46 | 5 | 518 | 1.73 | 12 | 5 | ND | 3 | 34 | 1 | 2 | 2 | 23 | .44 | .079 | 9 | 12 | .21 | 135 | .08 | 4 | 1.52 | .03 | .05 | 1 |
| 39 | 2 | 24 | 13 | 171 | .3 | 25 | 5 | 485 | 1.83 | 28 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 27 | .32 | .090 | 9 | 13 | .22 | 147 | .11 | 6 | 2.13 | .04 | .06 | 1 |
| 40 | 3 | 36 | 10 | 268 | .3 | 71 | 8 | 660 | 2.77 | 167 | 8 | ND | 5 | 55 | 2 | 5 | 2 | 27 | .59 | .156 | 17 | 22 | .27 | 209 | .06 | 3 | 1.37 | .02 | .06 | 1 |
| 41 | 1 | 31 | 27 | 108 | .1 | 20 | 9 | 871 | 2.40 | 23 | 5 | ND | 3 | 28 | 1 | 2 | 2 | 38 | .30 | .072 | 9 | 20 | .39 | 146 | .16 | 3 | 1.92 | .02 | .07 | 1 |
| 42 | 2 | 25 | 14 | 73 | .1 | 15 | 7 | 1390 | 2.16 | 15 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 37 | .46 | .067 | 6 | 17 | .37 | 216 | .07 | 3 | 1.42 | .02 | .04 | 1 |
| 42A | 1 | 40 | 10 | 115 | .2 | 22 | 8 | 1601 | 2.43 | 29 | 5 | ND | 2 | 41 | 1 | 2 | 2 | 32 | .82 | .087 | 10 | 16 | .31 | 225 | .07 | 5 | 1.57 | .02 | .09 | 1 |
| 43 | 1 | 34 | 10 | 102 | .1 | 18 | 6 | 866 | 2.03 | 20 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 31 | .37 | .116 | 10 | 16 | .32 | 190 | .09 | 4 | 1.85 | .02 | .09 | 1 |
| 44 | 1 | 46 | 19 | 171 | .4 | 15 | 6 | 1594 | 1.80 | 14 | 5 | ND | 2 | 47 | 2 | 2 | 2 | 28 | 1.84 | .161 | 10 | 18 | .42 | 259 | .05 | 9 | 1.26 | .02 | .12 | 1 |
| 45 | 2 | 41 | 10 | 99 | .5 | 23 | 8 | 937 | 2.46 | 16 | 5 | ND | 3 | 34 | 1 | 2 | 2 | 33 | .63 | .057 | 11 | 20 | .42 | 175 | .07 | 4 | 1.81 | .04 | .09 | 1 |
| 46 | 2 | 49 | 12 | 89 | .1 | 28 | 9 | 765 | 2.69 | 22 | 5 | ND | 4 | 20 | 1 | 2 | 2 | 46 | .40 | .031 | 12 | 32 | .54 | 139 | .09 | 2 | 1.96 | .02 | .09 | 1 |
| 47 | 10 | 86 | 9 | 96 | .4 | 42 | 6 | 4067 | 2.11 | 76 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 32 | .54 | .062 | 9 | 25 | .41 | 93 | .07 | 4 | 1.61 | .02 | .06 | 1 |
| 48 | 1 | 31 | 10 | 69 | .2 | 22 | 7 | 694 | 1.93 | 16 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 34 | .31 | .034 | 7 | 24 | .37 | 133 | .07 | 2 | 1.34 | .02 | .07 | 1 |
| 49 | 1 | 31 | 9 | 97 | .2 | 36 | 8 | 229 | 2.43 | 14 | 5 | ND | 5 | 36 | 1 | 2 | 2 | 34 | .46 | .038 | 18 | 29 | .50 | 195 | .12 | 4 | 2.36 | .03 | .05 | 1 |
| 50 | 1 | 27 | 9 | 108 | .2 | 29 | 7 | 350 | 2.16 | 24 | 5 | ND | 4 | 37 | 1 | 2 | 2 | 32 | .27 | .169 | 7 | 21 | .34 | 173 | .09 | 3 | 1.81 | .02 | .08 | 1 |
| 51 | 2 | 17 | 8 | 182 | .3 | 36 | 6 | 497 | 1.99 | 13 | 5 | ND | 3 | 60 | 1 | 2 | 2 | 28 | .43 | .107 | 12 | 16 | .26 | 230 | .06 | 4 | 1.24 | .02 | .06 | 1 |
| 52 | 2 | 23 | 8 | 137 | .1 | 33 | 7 | 400 | 2.10 | 16 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 30 | .25 | .100 | 8 | 17 | .29 | 158 | .08 | 3 | 1.47 | .02 | .06 | 1 |
| 53 | 4 | 49 | 11 | 178 | .3 | 59 | 8 | 250 | 2.97 | 29 | 5 | ND | 4 | 39 | 1 | 5 | 2 | 30 | .24 | .076 | 11 | 19 | .27 | 178 | .06 | 3 | 1.43 | .02 | .08 | 1 |
| 54 | 1 | 20 | 5 | 136 | .1 | 17 | 5 | 525 | 1.63 | 19 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 24 | .23 | .232 | 7 | 13 | .19 | 139 | .09 | 4 | 1.93 | .03 | .07 | 1 |
| 55 | 1 | 36 | 11 | 219 | .1 | 35 | 7 | 342 | 2.25 | 24 | 5 | ND | 4 | 60 | 1 | 2 | 2 | 28 | .33 | .382 | 11 | 27 | .31 | 274 | .08 | 3 | 1.60 | .02 | .07 | 1 |
| 56 | 1 | 15 | 16 | 126 | .1 | 10 | 6 | 782 | 2.55 | 94 | 5 | ND | 2 | 25 | 1 | 5 | 2 | 25 | .31 | .088 | 7 | 10 | .15 | 221 | .04 | 3 | .93 | .02 | .07 | 1 |
| 57 | 1 | 17 | 3 | 59 | .2 | 9 | 4 | 227 | 1.23 | 16 | 5 | ND | 2 | 76 | 1 | 2 | 2 | 17 | 6.01 | .024 | 5 | 6 | .14 | 95 | .04 | 9 | .96 | .06 | .04 | 1 |
| 58 | 1 | 80 | 11 | 333 | .2 | 30 | 8 | 335 | 2.58 | 33 | 5 | ND | 5 | 36 | 1 | 2 | 2 | 30 | .59 | .015 | 17 | 24 | .35 | 141 | .12 | 6 | 2.41 | .03 | .06 | 1 |
| 59 | 1 | 26 | 9 | 186 | .5 | 11 | 3 | 1105 | 1.54 | 13 | 5 | ND | 3 | 219 | 1 | 2 | 2 | 21 | 8.68 | .208 | 8 | 10 | .21 | 247 | .05 | 7 | 1.20 | .07 | .06 | 1 |
| 60 | 1 | 31 | 9 | 262 | .3 | 20 | 6 | 483 | 2.46 | 21 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 35 | .42 | .104 | 9 | 17 | .36 | 214 | .08 | 4 | 1.98 | .03 | .06 | 1 |
| 61 | 3 | 63 | 19 | 133 | .2 | 19 | 14 | 1817 | 3.01 | 59 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 44 | .45 | .061 | 13 | 14 | .61 | 151 | .06 | 3 | 2.05 | .02 | .07 | 1 |
| 62 | 1 | 35 | 12 | 97 | .1 | 26 | 7 | 460 | 2.74 | 20 | 5 | ND | 4 | 23 | 1 | 2 | 3 | 43 | .34 | .026 | 9 | 24 | .49 | 180 | .09 | 2 | 2.30 | .02 | .06 | 1 |
| 63 | 2 | 48 | 7 | 81 | .1 | 16 | 5 | 701 | 1.72 | 14 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 28 | .22 | .121 | 8 | 16 | .26 | 180 | .09 | 3 | 1.82 | .03 | .04 | 1 |
| 64 | 1 | 29 | 11 | 79 | .1 | 28 | 6 | 362 | 1.93 | 12 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 34 | .23 | .052 | 7 | 19 | .31 | 114 | .11 | 3 | 2.14 | .03 | .04 | 1 |
| 65 | 1 | 27 | 8 | 95 | .3 | 27 | 6 | 273 | 1.86 | 14 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 26 | .55 | .040 | 10 | 21 | .26 | 122 | .08 | 5 | 1.73 | .03 | .04 | 1 |
| 66 | 1 | 19 | 11 | 90 | .1 | 20 | 6 | 484 | 1.72 | 20 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 29 | .26 | .090 | 5 | 15 | .26 | 155 | .08 | 3 | 1.50 | .03 | .05 | 1 |
| 67 | 1 | 25 | 7 | 125 | .3 | 30 | 7 | 340 | 2.05 | 18 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 30 | .24 | .104 | 6 | 21 | .32 | 149 | .07 | 3 | 1.47 | .02 | .06 | 1 |
| 68 | 1 | 19 | 9 | 119 | .1 | 25 | 4 | 236 | 1.61 | 15 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 26 | .29 | .109 | 6 | 13 | .26 | 148 | .06 | 4 | 1.07 | .03 | .07 | 1 |
| 69 | 1 | 25 | 4 | 103 | .1 | 25 | 6 | 364 | 1.81 | 16 | 5 | ND | 3 | 37 | 1 | 2 | 2 | 27 | .22 | .138 | 7 | 16 | .29 | 166 | .07 | 2 | 1.24 | .02 | .07 | 1 |
| 70 | 1 | 23 | 4 | 87 | .1 | 20 | 6 | 382 | 1.75 | 21 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 27 | .22 | .195 | 6 | 16 | .28 | 194 | .08 | 3 | 1.39 | .03 | .07 | 1 |
| 71 | 1 | 31 | 6 | 102 | .1 | 21 | 6 | 450 | 1.97 | 23 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 28 | .32 | .174 | 10 | 17 | .29 | 158 | .10 | 5 | 2.06 | .03 | .08 | 1 |
| STD C | 20 | 57 | 36 | 136 | 6.6 | 68 | 28 | 996 | 3.96 | 41 | 17 | 6 | 33 | 47 | 18 | 17 | 20 | 63 | .48 | .099 | 35 | 58 | .85 | 177 | .08 | 37 | 1.66 | .07 | .14 | 13 |

## SOOKOCHOFF PROJECT - TROUVER FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | 1 | 21 | 18 | 116 | .1 | 9 | 6 | 1786 | 1.77 | 22 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 27 | .45 | .091 | 5 | 8 | .19 | 304 | .07 | 2 | .88 | .03 | .07 | 2 |
| 73 | 1 | 43 | 27 | 138 | .3 | 14 | 10 | 2029 | 1.92 | 26 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 34 | .53 | .097 | 5 | 14 | .22 | 264 | .06 | 2 | .98 | .02 | .05 | 1 |
| 74 | 2 | 24 | 15 | 214 | .1 | 20 | 6 | 1303 | 1.91 | 18 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 33 | .36 | .031 | 9 | 18 | .35 | 142 | .08 | 3 | 1.41 | .03 | .05 | 2 |
| 75 | 1 | 34 | 20 | 94 | .1 | 26 | 8 | 873 | 2.29 | 10 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 41 | .34 | .049 | 12 | 26 | .47 | 148 | .10 | 2 | 1.91 | .02 | .08 | 1 |
| 76 | 1 | 33 | 12 | 115 | .2 | 21 | 7 | 1382 | 2.05 | 14 | 5 | ND | 3 | 18 | 1 | 2 | 2 | 36 | .43 | .088 | 11 | 24 | .40 | 141 | .08 | 2 | 1.60 | .03 | .06 | 1 |
| 77 | 2 | 47 | 11 | 106 | .2 | 17 | 8 | 1430 | 1.94 | 22 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 35 | .36 | .102 | 9 | 16 | .26 | 240 | .10 | 2 | 1.71 | .03 | .09 | 1 |
| 78 | 3 | 33 | 19 | 123 | .1 | 18 | 6 | 949 | 1.92 | 17 | 7 | ND | 3 | 22 | 1 | 2 | 4 | 35 | .35 | .062 | 10 | 19 | .34 | 163 | .10 | 4 | 1.80 | .03 | .08 | 1 |
| 79 | 2 | 25 | 9 | 116 | .1 | 19 | 6 | 962 | 1.92 | 13 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 34 | .26 | .068 | 9 | 21 | .32 | 218 | .10 | 2 | 1.61 | .02 | .07 | 1 |
| 80 | 2 | 60 | 14 | 259 | .1 | 28 | 7 | 731 | 2.20 | 26 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 40 | .28 | .117 | 8 | 25 | .36 | 206 | .11 | 8 | 1.95 | .03 | .07 | 1 |
| 81 | 1 | 21 | 9 | 134 | .1 | 18 | 6 | 549 | 1.72 | 12 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 32 | .24 | .065 | 8 | 21 | .30 | 172 | .10 | 2 | 1.60 | .03 | .05 | 1 |
| 82 | 1 | 27 | 11 | 107 | .1 | 23 | 8 | 738 | 2.08 | 17 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 39 | .38 | .053 | 10 | 23 | .37 | 155 | .09 | 3 | 1.53 | .02 | .10 | 1 |
| 83 | 1 | 36 | 14 | 108 | .1 | 27 | 7 | 480 | 1.73 | 19 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 32 | .23 | .098 | 7 | 21 | .26 | 147 | .10 | 2 | 1.66 | .03 | .06 | 1 |
| 84 | 5 | 482 | 8 | 61 | .8 | 23 | 18 | 1302 | 4.54 | 25 | 9 | ND | 5 | 133 | 1 | 2 | 2 | 50 | 10.02 | .060 | 9 | 21 | 1.15 | 81 | .03 | 2 | 1.64 | .07 | .08 | 3 |
| 85 | 2 | 27 | 8 | 66 | .1 | 15 | 4 | 340 | 2.62 | 11 | 5 | ND | 3 | 15 | 1 | 2 | 2 | 54 | .14 | .047 | 4 | 34 | .03 | 171 | .12 | 2 | .97 | .04 | .24 | 1 |
| 86 | 3 | 70 | 5 | 86 | .1 | 12 | 5 | 514 | 2.32 | 90 | 5 | ND | 2 | 48 | 1 | 2 | 2 | 27 | 4.28 | .040 | 7 | 11 | .60 | 142 | .01 | 2 | 1.06 | .06 | .13 | 1 |
| 87 | 2 | 187 | 18 | 118 | .1 | 16 | 8 | 1145 | 2.15 | 34 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 27 | .73 | .060 | 11 | 17 | .27 | 263 | .06 | 3 | 1.22 | .02 | .13 | 1 |
| 88 | 1 | 52 | 26 | 127 | .1 | 7 | 6 | 1799 | 1.63 | 18 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 25 | .81 | .119 | 6 | 6 | .15 | 495 | .06 | 3 | .77 | .03 | .06 | 1 |
| 89 | 2 | 56 | 21 | 182 | .1 | 23 | 12 | 1396 | 2.74 | 91 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 39 | .46 | .074 | 13 | 22 | .38 | 308 | .09 | 2 | 1.96 | .02 | .13 | 1 |
| 90 | 1 | 61 | 20 | 148 | .3 | 28 | 11 | 887 | 2.87 | 36 | 5 | ND | 4 | 26 | 1 | 2 | 2 | 45 | .44 | .062 | 16 | 31 | .46 | 239 | .10 | 2 | 1.97 | .02 | .10 | 1 |
| 91 | 2 | 36 | 13 | 117 | .2 | 21 | 9 | 1101 | 2.22 | 39 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 38 | .42 | .107 | 9 | 22 | .39 | 258 | .08 | 3 | 1.65 | .02 | .10 | 2 |
| 92 | 1 | 29 | 13 | 145 | .1 | 25 | 10 | 1371 | 2.45 | 66 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 38 | .39 | .096 | 7 | 24 | .38 | 307 | .08 | 3 | 1.43 | .02 | .09 | 1 |
| 93 | 1 | 34 | 17 | 113 | .1 | 36 | 11 | 980 | 2.64 | 42 | 5 | ND | 2 | 33 | 1 | 2 | 3 | 37 | .36 | .058 | 7 | 29 | .34 | 195 | .08 | 2 | 1.36 | .03 | .06 | 1 |
| 94 | 2 | 30 | 20 | 153 | .2 | 33 | 8 | 622 | 2.30 | 32 | 5 | ND | 3 | 41 | 1 | 2 | 2 | 35 | .39 | .143 | 11 | 27 | .35 | 199 | .08 | 4 | 1.50 | .02 | .10 | 1 |
| 95 | 1 | 21 | 12 | 159 | .3 | 23 | 6 | 255 | 1.72 | 70 | 5 | ND | 3 | 28 | 1 | 2 | 3 | 28 | .42 | .041 | 8 | 17 | .23 | 137 | .09 | 3 | 1.31 | .03 | .04 | 1 |
| 96 | 1 | 24 | 10 | 71 | .1 | 19 | 6 | 416 | 1.71 | 15 | 5 | ND | 3 | 18 | 1 | 2 | 3 | 32 | .29 | .095 | 9 | 21 | .25 | 134 | .09 | 2 | 1.49 | .03 | .06 | 1 |
| 97 | 1 | 24 | 10 | 81 | .2 | 24 | 6 | 288 | 1.69 | 15 | 5 | ND | 4 | 22 | 1 | 2 | 3 | 29 | .29 | .114 | 8 | 19 | .25 | 170 | .10 | 4 | 1.82 | .03 | .07 | 1 |
| 98 | 1 | 22 | 13 | 80 | .1 | 20 | 6 | 545 | 1.65 | 15 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 27 | .22 | .242 | 6 | 15 | .22 | 252 | .10 | 2 | 1.82 | .03 | .04 | 1 |
| 99 | 1 | 54 | 11 | 79 | .6 | 24 | 6 | 566 | 1.61 | 70 | 5 | ND | 2 | 62 | 1 | 2 | 2 | 23 | 5.38 | .046 | 14 | 21 | .23 | 193 | .09 | 4 | 1.67 | .07 | .04 | 1 |
| 100 | 1 | 29 | 12 | 111 | .1 | 26 | 7 | 319 | 2.09 | 43 | 5 | ND | 5 | 26 | 1 | 3 | 2 | 35 | .33 | .189 | 9 | 22 | .30 | 200 | .12 | 4 | 2.24 | .03 | .07 | 1 |
| 101 | 1 | 25 | 16 | 120 | .1 | 20 | 6 | 507 | 1.81 | 35 | 5 | ND | 6 | 22 | 1 | 2 | 2 | 31 | .23 | .144 | 8 | 16 | .23 | 232 | .12 | 4 | 2.11 | .04 | .07 | 1 |
| STD C | 22 | 60 | 39 | 143 | 7.1 | 73 | 29 | 1046 | 3.82 | 40 | 14 | 8 | 34 | 49 | 19 | 15 | 17 | 65 | .45 | .106 | 37 | 59 | .86 | 172 | .08 | 36 | 1.66 | .07 | .13 | 14 |
| 102 | 2 | 25 | 16 | 242 | .1 | 18 | 5 | 818 | 1.48 | 50 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 22 | .38 | .226 | 6 | 11 | .18 | 235 | .10 | 5 | 1.83 | .04 | .08 | 1 |
| 103 | 2 | 46 | 33 | 276 | .2 | 21 | 10 | 1420 | 2.59 | 64 | 5 | ND | 4 | 30 | 2 | 3 | 2 | 39 | .43 | .088 | 14 | 20 | .42 | 313 | .10 | 3 | 2.29 | .03 | .13 | 1 |
| 104 | 3 | 48 | 14 | 175 | .1 | 22 | 12 | 2598 | 2.96 | 81 | 5 | ND | 2 | 48 | 1 | 2 | 2 | 40 | .84 | .161 | 9 | 18 | .37 | 472 | .08 | 4 | 1.92 | .02 | .07 | 1 |
| 105 | 2 | 50 | 21 | 167 | .2 | 30 | 14 | 1955 | 3.02 | 119 | 5 | ND | 3 | 45 | 1 | 2 | 2 | 42 | .60 | .137 | 15 | 25 | .41 | 581 | .09 | 3 | 2.02 | .02 | .10 | 1 |
| 106 | 1 | 34 | 17 | 102 | .1 | 24 | 8 | 897 | 2.42 | 18 | 5 | ND | 4 | 46 | 1 | 3 | 2 | 46 | .60 | .057 | 16 | 31 | .56 | 160 | .12 | 4 | 1.86 | .03 | .10 | 1 |
| 107 | 1 | 23 | 23 | 241 | .1 | 10 | 4 | 1678 | 1.72 | 15 | 5 | ND | 1 | 39 | 2 | 2 | 2 | 27 | .99 | .138 | 10 | 12 | .43 | 198 | .05 | 7 | 1.21 | .03 | .09 | 1 |

SOOKOCHOFF PROJECT - TROUVER FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 1 | 36 | 24 | 204 | .2 | 20 | 6 | 1191 | 1.91 | 9 | 5 | ND | 2 | 25 | 2 | 2 | 2 | 34 | .47 | .128 | 9 | 21 | .45 | 185 | .07 | 5 | 1.50 | .04 | .09 | 1 |
| 109 | 2 | 57 | 15 | 342 | .3 | 29 | 9 | 997 | 2.58 | 20 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 41 | .50 | .100 | 13 | 25 | .47 | 220 | .10 | 6 | 2.23 | .03 | .08 | 3 |
| 110 | 2 | 129 | 9 | 177 | .4 | 26 | 10 | 802 | 2.78 | 24 | 6 | ND | 5 | 33 | 1 | 2 | 2 | 43 | .73 | .047 | 13 | 26 | .54 | 149 | .10 | 7 | 2.07 | .03 | .16 | 1 |
| 111 | 1 | 74 | 7 | 101 | .3 | 23 | 8 | 384 | 2.10 | 18 | 5 | ND | 4 | 24 | 1 | 2 | 2 | 33 | .59 | .082 | 11 | 23 | .39 | 85 | .08 | 4 | 1.42 | .03 | .06 | 1 |
| 112 | 1 | 31 | 9 | 109 | .1 | 30 | 7 | 669 | 2.26 | 29 | 5 | ND | 4 | 22 | 1 | 2 | 3 | 37 | .25 | .158 | 8 | 23 | .37 | 157 | .12 | 4 | 2.38 | .04 | .06 | 1 |
| 114 | 1 | 38 | 7 | 80 | .1 | 34 | 8 | 650 | 2.39 | 20 | 5 | ND | 5 | 24 | 1 | 2 | 2 | 40 | .33 | .046 | 10 | 27 | .38 | 204 | .10 | 3 | 1.72 | .03 | .08 | 1 |
| STD C | 21 | 59 | 37 | 142 | 6.9 | 68 | 27 | 1001 | 3.96 | 41 | 16 | 7 | 34 | 47 | 18 | 14 | 20 | 63 | .50 | .099 | 37 | 56 | .89 | 174 | .08 | 36 | 1.78 | .07 | .14 | 14 |
| 115 | 1 | 25 | 8 | 144 | .1 | 28 | 6 | 707 | 2.04 | 99 | 5 | ND | 3 | 25 | 1 | 3 | 4 | 32 | .33 | .078 | 8 | 22 | .34 | 278 | .09 | 3 | 1.61 | .04 | .11 | 1 |
| 116 | 1 | 33 | 15 | 393 | .4 | 22 | 6 | 854 | 2.39 | 35 | 7 | ND | 4 | 53 | 2 | 2 | 2 | 36 | 2.13 | .101 | 12 | 17 | .43 | 410 | .09 | 6 | 1.99 | .04 | .09 | 1 |
| 117 | 2 | 43 | 23 | 160 | .3 | 33 | 8 | 843 | 2.73 | 50 | 5 | ND | 4 | 36 | 1 | 2 | 2 | 38 | .93 | .040 | 16 | 24 | .47 | 201 | .10 | 6 | 2.32 | .03 | .09 | 1 |
| 118 | 1 | 20 | 13 | 162 | .5 | 7 | 3 | 722 | 1.12 | 8 | 5 | ND | 3 | 99 | 1 | 2 | 3 | 18 | 16.23 | .128 | 6 | 7 | .20 | 118 | .04 | 11 | .80 | .08 | .07 | 2 |
| 119 | 1 | 3 | 5 | 15 | .2 | 1 | 1 | 106 | .37 | 2 | 6 | ND | 1 | 298 | 1 | 3 | 6 | 3 | 33.08 | .012 | 2 | 4 | .17 | 338 | .01 | 2 | .20 | .01 | .03 | 5 |
| 120 | 2 | 32 | 16 | 117 | .3 | 29 | 8 | 736 | 2.82 | 14 | 5 | ND | 6 | 38 | 1 | 2 | 2 | 43 | .72 | .033 | 16 | 29 | .56 | 202 | .13 | 4 | 2.64 | .03 | .12 | 1 |
| 121 | 1 | 29 | 15 | 392 | .1 | 19 | 6 | 1091 | 2.50 | 11 | 5 | ND | 3 | 69 | 3 | 2 | 2 | 41 | 1.32 | .061 | 13 | 20 | .46 | 177 | .10 | 10 | 2.01 | .04 | .17 | 1 |
| 122 | 1 | 7 | 2 | 28 | .2 | 7 | 3 | 362 | 1.16 | 6 | 8 | ND | 1 | 764 | 1 | 3 | 4 | 19 | 32.26 | .057 | 6 | 26 | .56 | 26 | .01 | 2 | .65 | .01 | .07 | 4 |
| 123 | 2 | 45 | 18 | 116 | .3 | 30 | 8 | 992 | 2.47 | 23 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 40 | .38 | .050 | 10 | 28 | .44 | 126 | .09 | 3 | 1.73 | .03 | .06 | 1 |
| 124 | 2 | 44 | 40 | 318 | .4 | 14 | 6 | 2037 | 2.39 | 16 | 5 | ND | 1 | 50 | 2 | 2 | 2 | 29 | 1.20 | .122 | 8 | 10 | .53 | 195 | .05 | 6 | 1.34 | .03 | .08 | 1 |
| 125 | 1 | 27 | 10 | 89 | .1 | 25 | 7 | 758 | 2.11 | 15 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 36 | .33 | .091 | 11 | 28 | .40 | 176 | .09 | 4 | 1.59 | .02 | .08 | 1 |
| 126 | 1 | 125 | 18 | 164 | .2 | 31 | 9 | 702 | 2.70 | 16 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 46 | .48 | .045 | 15 | 31 | .55 | 125 | .10 | 4 | 2.16 | .02 | .07 | 1 |
| 127 | 2 | 240 | 26 | 182 | .2 | 26 | 10 | 1124 | 2.72 | 19 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 44 | .61 | .085 | 12 | 26 | .54 | 144 | .10 | 5 | 2.66 | .03 | .08 | 1 |
| 128 | 1 | 1 | 6 | 7 | .2 | 1 | 1 | 208 | .22 | 2 | 5 | ND | 1 | 605 | 1 | 3 | 7 | 1 | 34.34 | .006 | 2 | 1 | .10 | 3 | .01 | 2 | .06 | .01 | .01 | 5 |
| 129 | 2 | 35 | 12 | 97 | .1 | 26 | 7 | 558 | 2.43 | 19 | 5 | ND | 4 | 16 | 1 | 2 | 2 | 38 | .22 | .099 | 10 | 23 | .37 | 187 | .13 | 4 | 2.52 | .03 | .07 | 1 |
| 130 | 1 | 27 | 5 | 86 | .1 | 22 | 6 | 325 | 2.04 | 15 | 5 | ND | 5 | 22 | 1 | 2 | 2 | 32 | .33 | .087 | 10 | 22 | .31 | 153 | .10 | 5 | 1.99 | .03 | .08 | 1 |
| 131 | 1 | 24 | 8 | 114 | .1 | 19 | 5 | 333 | 1.98 | 78 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 29 | .49 | .059 | 12 | 18 | .31 | 165 | .11 | 4 | 2.43 | .04 | .06 | 1 |
| 132 | 1 | 25 | 8 | 203 | .1 | 20 | 5 | 353 | 1.92 | 34 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 27 | .38 | .129 | 10 | 17 | .35 | 184 | .09 | 6 | 2.19 | .05 | .09 | 1 |
| 133 | 2 | 38 | 9 | 191 | .2 | 24 | 6 | 508 | 2.16 | 70 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 33 | .46 | .067 | 9 | 18 | .35 | 224 | .11 | 7 | 2.19 | .04 | .10 | 2 |
| 134 | 1 | 47 | 23 | 159 | .3 | 14 | 8 | 1598 | 2.18 | 33 | 5 | ND | 2 | 31 | 1 | 2 | 2 | 34 | .54 | .096 | 11 | 15 | .46 | 284 | .07 | 4 | 1.76 | .04 | .09 | 1 |
| 135 | 1 | 14 | 12 | 95 | .3 | 6 | 2 | 550 | 1.07 | 8 | 5 | ND | 2 | 227 | 1 | 2 | 2 | 17 | 17.08 | .066 | 6 | 9 | .33 | 98 | .03 | 7 | .85 | .07 | .05 | 2 |
| 136 | 1 | 10 | 10 | 52 | .2 | 5 | 1 | 174 | .53 | 7 | 7 | ND | 1 | 145 | 1 | 2 | 4 | 7 | 24.01 | .040 | 2 | 3 | .10 | 68 | .02 | 6 | .44 | .05 | .03 | 3 |
| 137 | 1 | 21 | 16 | 347 | .2 | 20 | 6 | 545 | 2.19 | 11 | 5 | ND | 4 | 42 | 2 | 2 | 2 | 33 | .91 | .032 | 10 | 20 | .45 | 183 | .10 | 9 | 2.14 | .04 | .15 | 1 |
| 138 | 1 | 33 | 48 | 192 | .4 | 21 | 6 | 1928 | 2.24 | 18 | 5 | ND | 2 | 42 | 1 | 2 | 2 | 39 | 1.12 | .122 | 10 | 18 | .40 | 159 | .07 | 8 | 1.70 | .03 | .11 | 1 |
| 139 | 1 | 71 | 34 | 218 | .4 | 24 | 8 | 1600 | 2.53 | 18 | 5 | ND | 3 | 42 | 2 | 2 | 2 | 38 | 1.00 | .094 | 13 | 20 | .51 | 209 | .09 | 6 | 1.99 | .03 | .12 | 1 |
| 140 | 1 | 38 | 26 | 108 | .3 | 37 | 10 | 746 | 2.78 | 15 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 47 | .56 | .089 | 15 | 33 | .55 | 150 | .10 | 5 | 2.02 | .02 | .15 | 1 |
| 141 | 1 | 34 | 58 | 186 | .2 | 20 | 6 | 1345 | 2.13 | 18 | 5 | ND | 3 | 36 | 2 | 2 | 2 | 35 | .66 | .078 | 12 | 18 | .44 | 171 | .08 | 3 | 1.79 | .04 | .08 | 1 |
| 142 | 1 | 191 | 14 | 449 | .3 | 23 | 6 | 641 | 2.22 | 13 | 5 | ND | 3 | 37 | 2 | 2 | 2 | 36 | .74 | .106 | 12 | 19 | .43 | 169 | .12 | 11 | 2.43 | .04 | .12 | 1 |
| 143 | 1 | 51 | 10 | 183 | .1 | 19 | 7 | 999 | 2.14 | 13 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 37 | .70 | .066 | 9 | 20 | .41 | 209 | .08 | 5 | 1.83 | .04 | .08 | 1 |
| 144 | 1 | 24 | 12 | 141 | .1 | 21 | 6 | 530 | 2.35 | 7 | 5 | ND | 4 | 26 | 1 | 2 | 2 | 36 | .48 | .033 | 14 | 24 | .31 | 185 | .08 | 3 | 2.07 | .03 | .11 | 1 |
| 144A | 1 | 60 | 12 | 178 | .2 | 32 | 9 | 446 | 2.73 | 21 | 5 | ND | 5 | 26 | 1 | 2 | 3 | 46 | .57 | .062 | 15 | 32 | .55 | 146 | .11 | 5 | 2.23 | .03 | .08 | 2 |

SOOKOCHOFF PROJECT - TROUVER FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 1 | 19 | 7 | 89 | .2 | 22 | 6 | 469 | 1.70 | 22 | 5 | ND | 4 | 20 | 1 | 2 | 2 | 29 | .21 | .272 | 6 | 17 | .23 | 216 | .09 | 3 | 1.66 | .03 | .07 | 1 |
| 146 | 1 | 20 | 9 | 74 | .2 | 23 | 6 | 608 | 1.81 | 16 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 32 | .27 | .136 | 7 | 23 | .27 | 234 | .09 | 4 | 1.50 | .03 | .07 | 1 |
| 147 | 1 | 22 | 8 | 49 | .4 | 17 | 4 | 319 | 1.41 | 49 | 5 | ND | 4 | 33 | 1 | 2 | 2 | 21 | .60 | .018 | 11 | 16 | .21 | 175 | .08 | 3 | 1.59 | .05 | .06 | 1 |
| 148 | 1 | 22 | 8 | 79 | .1 | 18 | 6 | 438 | 1.73 | 19 | 5 | ND | 4 | 19 | 1 | 3 | 2 | 31 | .27 | .096 | 9 | 18 | .22 | 197 | .12 | 4 | 2.08 | .03 | .08 | 1 |
| 149 | 1 | 30 | 14 | 137 | .4 | 20 | 5 | 232 | 1.77 | 58 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 27 | .42 | .053 | 11 | 16 | .25 | 138 | .12 | 4 | 2.27 | .05 | .06 | 1 |
| 150 | 1 | 35 | 8 | 124 | .3 | 23 | 6 | 469 | 1.78 | 29 | 5 | ND | 4 | 31 | 1 | 2 | 2 | 28 | .51 | .058 | 11 | 15 | .26 | 153 | .12 | 5 | 2.27 | .05 | .07 | 1 |
| 151 | 1 | 46 | 14 | 117 | .2 | 26 | 9 | 1004 | 2.66 | 41 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 41 | .38 | .043 | 12 | 27 | .45 | 296 | .10 | 2 | 2.15 | .02 | .08 | 1 |
| 152 | 2 | 67 | 15 | 161 | .3 | 12 | 14 | 2598 | 2.98 | 48 | 5 | ND | 2 | 82 | 1 | 2 | 3 | 35 | .95 | .143 | 8 | 12 | .29 | 655 | .08 | 5 | 1.50 | .02 | .08 | 1 |
| 153 | 1 | 35 | 30 | 199 | .2 | 12 | 6 | 2099 | 2.30 | 30 | 5 | ND | 2 | 40 | 1 | 2 | 2 | 31 | .56 | .148 | 12 | 9 | .36 | 381 | .09 | 6 | 2.02 | .03 | .10 | 1 |
| 154 | 1 | 48 | 24 | 290 | .3 | 22 | 9 | 1857 | 2.63 | 44 | 5 | ND | 3 | 42 | 2 | 2 | 2 | 36 | .71 | .071 | 11 | 19 | .43 | 384 | .07 | 3 | 1.81 | .03 | .13 | 1 |
| 155 | 1 | 35 | 11 | 114 | .2 | 25 | 7 | 673 | 1.88 | 18 | 5 | ND | 4 | 27 | 1 | 2 | 3 | 33 | .35 | .061 | 9 | 21 | .32 | 209 | .09 | 4 | 1.53 | .03 | .12 | 1 |
| 156 | 1 | 39 | 23 | 137 | .1 | 24 | 8 | 1036 | 2.20 | 20 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 39 | .51 | .077 | 11 | 23 | .43 | 173 | .08 | 4 | 1.69 | .03 | .10 | 1 |
| 157 | 1 | 33 | 21 | 339 | .4 | 15 | 5 | 1169 | 1.67 | 13 | 5 | ND | 2 | 51 | 2 | 2 | 2 | 30 | 1.12 | .104 | 10 | 17 | .39 | 156 | .06 | 8 | 1.38 | .03 | .08 | 1 |
| 158 | 2 | 112 | 17 | 268 | .2 | 30 | 10 | 1082 | 2.78 | 16 | 5 | ND | 5 | 27 | 2 | 2 | 2 | 44 | .49 | .072 | 16 | 30 | .64 | 177 | .09 | 4 | 1.99 | .03 | .10 | 1 |
| 159 | 1 | 72 | 13 | 194 | .2 | 29 | 10 | 1101 | 2.48 | 15 | 5 | ND | 4 | 22 | 1 | 2 | 2 | 45 | .49 | .043 | 13 | 29 | .46 | 180 | .09 | 4 | 1.77 | .02 | .11 | 1 |
| 160 | 1 | 39 | 13 | 87 | .1 | 30 | 9 | 767 | 2.29 | 16 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 44 | .32 | .037 | 10 | 29 | .46 | 117 | .09 | 4 | 1.61 | .02 | .06 | 1 |
| 160A | 1 | 62 | 8 | 76 | .4 | 31 | 10 | 295 | 2.59 | 22 | 5 | ND | 5 | 25 | 1 | 2 | 2 | 45 | .48 | .032 | 13 | 38 | .52 | 103 | .10 | 3 | 1.51 | .04 | .06 | 1 |
| 161 | 1 | 42 | 8 | 114 | .4 | 10 | 2 | 581 | .65 | 8 | 5 | ND | 3 | 81 | 2 | 2 | 3 | 12 | 15.37 | .081 | 5 | 8 | .10 | 142 | .03 | 12 | .56 | .09 | .04 | 1 |
| 162 | 2 | 16 | 3 | 40 | .2 | 16 | 2 | 377 | 1.19 | 17 | 5 | ND | 4 | 112 | 1 | 2 | 2 | 18 | 16.66 | .023 | 3 | 11 | .52 | 74 | .01 | 2 | .71 | .07 | .07 | 2 |
| 163 | 1 | 2 | 3 | 20 | .1 | 1 | 1 | 160 | .21 | 6 | 6 | ND | 1 | 424 | 1 | 3 | 4 | 1 | 32.55 | .012 | 2 | 1 | .10 | 27 | .01 | 2 | .09 | .01 | .01 | 2 |
| 164 | 1 | 2 | 2 | 17 | .4 | 1 | 1 | 181 | .29 | 2 | 5 | ND | 1 | 303 | 1 | 2 | 5 | 3 | 32.50 | .009 | 2 | 2 | .17 | 13 | .01 | 2 | .12 | .01 | .02 | 2 |
| 165 | 1 | 2 | 3 | 19 | .3 | 2 | 1 | 73 | .27 | 5 | 5 | ND | 1 | 283 | 1 | 2 | 5 | 3 | 32.36 | .011 | 2 | 3 | .11 | 11 | .01 | 2 | .12 | .01 | .01 | 2 |
| 166 | 1 | 2 | 4 | 16 | .2 | 2 | 1 | 119 | .31 | 3 | 5 | ND | 1 | 271 | 1 | 2 | 7 | 4 | 32.54 | .020 | 2 | 4 | .13 | 12 | .01 | 2 | .13 | .01 | .02 | 4 |
| 167 | 2 | 43 | 19 | 169 | .1 | 34 | 9 | 895 | 2.69 | 25 | 5 | ND | 5 | 40 | 1 | 2 | 2 | 43 | .72 | .071 | 15 | 29 | .56 | 184 | .10 | 6 | 2.09 | .03 | .23 | 1 |
| STD C | 21 | 58 | 38 | 137 | 6.8 | 70 | 28 | 1021 | 3.85 | 38 | 19 | 8 | 34 | 47 | 18 | 16 | 18 | 64 | .46 | .100 | 36 | 59 | .86 | 170 | .08 | 34 | 1.66 | .07 | .14 | 13 |
| 168 | 1 | 14 | 7 | 81 | .1 | 23 | 6 | 331 | 2.69 | 8 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 42 | 1.89 | .047 | 5 | 59 | .94 | 74 | .05 | 3 | 1.53 | .05 | .10 | 1 |
| 169 | 1 | 25 | 7 | 116 | .3 | 25 | 5 | 417 | 1.65 | 10 | 5 | ND | 3 | 92 | 1 | 2 | 2 | 20 | 10.38 | .028 | 3 | 49 | .60 | 88 | .05 | 3 | 1.12 | .11 | .08 | 1 |
| 170 | 1 | 1 | 3 | 3 | .2 | 1 | 1 | 258 | .20 | 4 | 5 | ND | 1 | 1079 | 1 | 4 | 9 | 1 | 32.61 | .004 | 2 | 2 | .09 | 9 | .01 | 2 | .03 | .01 | .01 | 3 |
| 171 | 1 | 28 | 19 | 132 | .2 | 7 | 4 | 1392 | 1.47 | 17 | 5 | ND | 1 | 38 | 2 | 2 | 2 | 28 | 1.34 | .108 | 7 | 9 | .26 | 151 | .03 | 6 | .84 | .03 | .06 | 1 |
| 172 | 1 | 151 | 16 | 120 | .2 | 21 | 7 | 762 | 2.21 | 17 | 5 | ND | 4 | 26 | 1 | 2 | 2 | 36 | .39 | .102 | 11 | 20 | .36 | 241 | .11 | 6 | 2.24 | .03 | .08 | 1 |
| 173 | 2 | 44 | 12 | 119 | .1 | 26 | 7 | 542 | 2.21 | 13 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 39 | .34 | .090 | 10 | 29 | .40 | 186 | .11 | 5 | 1.87 | .03 | .07 | 1 |
| 174 | 1 | 66 | 8 | 91 | .5 | 31 | 8 | 564 | 2.20 | 16 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 40 | .28 | .120 | 9 | 27 | .38 | 171 | .11 | 4 | 1.90 | .03 | .08 | 1 |
| 175 | 2 | 38 | 10 | 82 | .1 | 28 | 8 | 452 | 2.08 | 15 | 5 | ND | 4 | 19 | 1 | 2 | 3 | 39 | .31 | .094 | 8 | 27 | .38 | 144 | .11 | 4 | 1.79 | .03 | .06 | 1 |
| 176 | 1 | 1 | 2 | 10 | .4 | 1 | 1 | 925 | .20 | 2 | 5 | ND | 1 | 172 | 1 | 2 | 7 | 1 | 32.65 | .007 | 2 | 3 | .10 | 5 | .01 | 3 | .03 | .01 | .01 | 3 |
| 177 | 1 | 28 | 11 | 115 | .1 | 31 | 6 | 608 | 1.94 | 18 | 5 | ND | 4 | 18 | 1 | 2 | 2 | 32 | .18 | .132 | 8 | 21 | .27 | 215 | .11 | 6 | 2.09 | .03 | .08 | 1 |
| 178 | 1 | 29 | 7 | 107 | .1 | 32 | 7 | 401 | 2.04 | 13 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 34 | .22 | .068 | 10 | 25 | .33 | 232 | .11 | 4 | 1.91 | .03 | .08 | 1 |
| 179 | 1 | 25 | 11 | 161 | .2 | 44 | 8 | 595 | 2.12 | 18 | 5 | ND | 4 | 26 | 1 | 2 | 4 | 36 | .29 | .167 | 10 | 27 | .38 | 238 | .10 | 6 | 1.77 | .03 | .10 | 1 |
| 180 | 2 | 30 | 14 | 120 | .1 | 38 | 7 | 417 | 2.16 | 24 | 5 | ND | 4 | 21 | 1 | 3 | 3 | 34 | .25 | .164 | 9 | 27 | .36 | 220 | .10 | 3 | 2.23 | .03 | .09 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181 | 1 | 18 | 5 | 81 | .1 | 19 | 5 | 766 | 1.58 | 10 | 5 | ND | 2 | 17 | 1 | 2 | 3 | 27 | .27 | .047 | 5 | 17 | .26 | 166 | .07 | 2 | 1.15 | .03 | .06 | 1 |
| 182 | 1 | 27 | 11 | 139 | .1 | 17 | 8 | 906 | 2.08 | 17 | 5 | ND | 3 | 23 | 1 | 2 | 3 | 32 | .24 | .085 | 6 | 13 | .25 | 331 | .08 | 3 | 1.75 | .03 | .08 | 1 |
| 183 | 3 | 36 | 24 | 156 | .1 | 104 | 10 | 519 | 3.04 | 63 | 5 | ND | 3 | 34 | 1 | 8 | 2 | 33 | .31 | .067 | 12 | 24 | .27 | 194 | .06 | 5 | 1.42 | .03 | .09 | 1 |
| 184 | 2 | 31 | 19 | 138 | .1 | 32 | 8 | 602 | 2.73 | 16 | 5 | ND | 4 | 34 | 1 | 3 | 2 | 34 | .34 | .079 | 16 | 24 | .35 | 244 | .06 | 2 | 1.45 | .02 | .10 | 1 |
| 185 | 3 | 48 | 31 | 113 | .1 | 41 | 10 | 792 | 2.72 | 32 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 33 | .37 | .039 | 12 | 20 | .33 | 181 | .07 | 3 | 1.39 | .02 | .07 | 1 |
| 186 | 2 | 57 | 11 | 120 | .1 | 38 | 12 | 814 | 3.28 | 28 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 43 | .32 | .089 | 14 | 28 | .49 | 234 | .08 | 2 | 1.91 | .02 | .08 | 1 |
| 187 | 2 | 19 | 10 | 48 | .1 | 21 | 12 | 916 | 2.40 | 12 | 9 | ND | 9 | 122 | 1 | 2 | 2 | 27 | 9.20 | .099 | 23 | 50 | .60 | 184 | .01 | 2 | .65 | .07 | .12 | 1 |
| 188 | 1 | 13 | 7 | 81 | .1 | 19 | 5 | 498 | 1.67 | 6 | 5 | ND | 2 | 16 | 1 | 2 | 2 | 28 | .17 | .087 | 6 | 19 | .30 | 169 | .06 | 2 | .99 | .02 | .06 | 1 |
| 189 | 2 | 25 | 11 | 114 | .1 | 40 | 8 | 669 | 2.33 | 9 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 36 | .38 | .081 | 11 | 32 | .48 | 196 | .07 | 3 | 1.41 | .02 | .10 | 1 |
| 190 | 2 | 26 | 12 | 103 | .1 | 48 | 8 | 706 | 2.48 | 14 | 5 | ND | 3 | 28 | 1 | 2 | 2 | 34 | .36 | .069 | 9 | 32 | .48 | 270 | .08 | 4 | 1.89 | .02 | .12 | 1 |
| 191 | 1 | 13 | 18 | 87 | .1 | 15 | 5 | 803 | 1.64 | 7 | 6 | ND | 1 | 26 | 1 | 2 | 2 | 28 | .32 | .054 | 7 | 19 | .32 | 165 | .06 | 3 | .86 | .02 | .09 | 1 |
| 192 | 2 | 22 | 9 | 95 | .1 | 44 | 7 | 557 | 2.31 | 11 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 34 | .24 | .110 | 11 | 31 | .42 | 228 | .09 | 3 | 1.79 | .03 | .08 | 1 |
| 193 | 17 | 33 | 9 | 88 | .1 | 1 | 1 | 123 | 6.97 | 5 | 5 | ND | 1 | 6 | 1 | 2 | 4 | 19 | .08 | .065 | 4 | 1 | .11 | 56 | .04 | 2 | .46 | .03 | .08 | 1 |
| 194 | 2 | 31 | 33 | 343 | .4 | 25 | 6 | 709 | 2.16 | 30 | 7 | ND | 4 | 38 | 2 | 2 | 2 | 33 | 2.13 | .054 | 13 | 13 | .28 | 192 | .08 | 9 | 1.81 | .04 | .11 | 1 |
| 195 | 1 | 2 | 2 | 12 | .1 | 1 | 1 | 135 | .21 | 8 | 11 | ND | 1 | 320 | 1 | 2 | 9 | 1 | 35.66 | .015 | 2 | 1 | .07 | 20 | .01 | 2 | .01 | .01 | .01 | 4 |
| 196 | 1 | 33 | 11 | 219 | .1 | 15 | 5 | 573 | 1.92 | 10 | 5 | ND | 3 | 17 | 1 | 2 | 2 | 27 | .42 | .023 | 12 | 15 | .43 | 153 | .07 | 3 | 1.70 | .02 | .08 | 1 |
| 197 | 1 | 6 | 3 | 24 | .1 | 3 | 1 | 66 | .47 | 2 | 5 | ND | 1 | 294 | 1 | 2 | 6 | 5 | 35.46 | .010 | 2 | 3 | .27 | 15 | .01 | 2 | .33 | .01 | .02 | 3 |
| 198 | 3 | 36 | 21 | 128 | .1 | 34 | 8 | 685 | 2.77 | 34 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 43 | .43 | .046 | 16 | 29 | .51 | 141 | .08 | 2 | 2.10 | .03 | .09 | 1 |
| 199 | 2 | 13 | 2 | 49 | .3 | 9 | 2 | 345 | 1.57 | 8 | 7 | ND | 3 | 247 | 1 | 2 | 2 | 18 | 22.25 | .017 | 5 | 9 | .46 | 38 | .01 | 2 | .66 | .05 | .05 | 3 |
| 200 | 2 | 37 | 11 | 95 | .1 | 29 | 8 | 733 | 2.40 | 15 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 39 | .33 | .066 | 9 | 28 | .44 | 129 | .07 | 3 | 1.61 | .02 | .07 | 1 |
| 201 | 1 | 14 | 11 | 107 | .1 | 14 | 4 | 605 | 1.69 | 11 | 5 | ND | 2 | 19 | 1 | 2 | 3 | 29 | .28 | .075 | 5 | 13 | .25 | 161 | .08 | 4 | 1.18 | .03 | .06 | 1 |
| 202 | 2 | 21 | 13 | 98 | .1 | 18 | 6 | 673 | 2.03 | 21 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 34 | .26 | .111 | 7 | 18 | .34 | 169 | .08 | 3 | 1.62 | .03 | .07 | 1 |
| 203 | 1 | 23 | 10 | 67 | .1 | 22 | 6 | 451 | 1.91 | 13 | 5 | ND | 2 | 13 | 1 | 2 | 2 | 34 | .19 | .061 | 7 | 21 | .31 | 105 | .09 | 3 | 1.57 | .03 | .04 | 1 |
| 204 | 2 | 21 | 7 | 79 | .2 | 21 | 6 | 437 | 1.92 | 13 | 5 | ND | 3 | 14 | 1 | 2 | 2 | 34 | .20 | .034 | 6 | 18 | .27 | 91 | .11 | 5 | 1.68 | .03 | .05 | 1 |
| 205 | 2 | 69 | 13 | 128 | .3 | 27 | 6 | 476 | 2.33 | 14 | 5 | ND | 4 | 28 | 1 | 2 | 2 | 32 | .46 | .035 | 12 | 23 | .38 | 181 | .13 | 7 | 2.05 | .04 | .08 | 1 |
| 206 | 2 | 41 | 12 | 61 | .1 | 27 | 9 | 516 | 2.27 | 13 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 44 | .31 | .024 | 8 | 32 | .51 | 111 | .08 | 3 | 1.40 | .02 | .06 | 1 |
| 207 | 4 | 16 | 15 | 98 | .1 | 12 | 4 | 1403 | 1.48 | 8 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 24 | .92 | .063 | 6 | 11 | .26 | 200 | .05 | 5 | 1.05 | .03 | .04 | 1 |
| 208 | 3 | 31 | 16 | 98 | .1 | 25 | 7 | 714 | 2.12 | 16 | 5 | ND | 4 | 20 | 1 | 2 | 2 | 35 | .27 | .088 | 10 | 22 | .37 | 177 | .10 | 5 | 1.99 | .03 | .07 | 1 |
| 209 | 1 | 33 | 11 | 105 | .1 | 27 | 7 | 357 | 2.18 | 24 | 5 | ND | 4 | 19 | 1 | 2 | 3 | 34 | .27 | .092 | 11 | 20 | .32 | 143 | .10 | 6 | 1.94 | .03 | .07 | 1 |
| 210 | 1 | 29 | 7 | 363 | .1 | 34 | 6 | 545 | 2.27 | 10 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 31 | .45 | .032 | 9 | 15 | .28 | 125 | .09 | 7 | 1.72 | .04 | .06 | 1 |
| 211 | 2 | 19 | 13 | 221 | .3 | 12 | 4 | 749 | 1.70 | 11 | 5 | ND | 2 | 22 | 1 | 2 | 3 | 30 | .49 | .090 | 7 | 14 | .38 | 220 | .07 | 5 | 1.40 | .03 | .05 | 1 |
| 212 | 1 | 27 | 14 | 144 | .2 | 17 | 5 | 754 | 2.11 | 23 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 27 | .93 | .045 | 13 | 13 | .31 | 252 | .07 | 7 | 2.05 | .03 | .10 | 1 |
| 213 | 3 | 126 | 11 | 150 | .5 | 25 | 7 | 750 | 2.71 | 23 | 5 | ND | 5 | 21 | 1 | 2 | 2 | 42 | .47 | .022 | 15 | 22 | .42 | 169 | .10 | 3 | 2.59 | .03 | .08 | 1 |
| 214 | 2 | 24 | 12 | 101 | .1 | 21 | 6 | 552 | 2.17 | 18 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 34 | .28 | .051 | 9 | 19 | .31 | 146 | .12 | 4 | 2.40 | .03 | .07 | 1 |
| 215 | 1 | 19 | 20 | 120 | .1 | 16 | 4 | 1052 | 1.75 | 20 | 5 | ND | 2 | 22 | 2 | 2 | 2 | 29 | .63 | .073 | 7 | 15 | .28 | 147 | .05 | 4 | 1.30 | .03 | .05 | 1 |
| 216 | 1 | 2 | 2 | 12 | .3 | 1 | 1 | 272 | .30 | 4 | 5 | ND | 1 | 338 | 1 | 2 | 7 | 2 | 34.50 | .013 | 2 | 1 | .12 | 21 | .01 | 2 | .10 | .01 | .01 | 4 |
| STD C | 21 | 58 | 40 | 133 | 7.0 | 67 | 27 | 987 | 3.95 | 41 | 19 | 7 | 33 | 47 | 17 | 18 | 19 | 63 | .43 | .099 | 35 | 54 | .86 | 177 | .08 | 35 | 1.72 | .07 | .12 | 12 |

# SOOKOCHOFF PROJECT - TROUVER FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 1 | 15 | 7 | 110 | .1 | 18 | 5 | 677 | 1.79 | 7 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 28 | .32 | .134 | 7 | 15 | .24 | 198 | .11 | 3 | 1.96 | .03 | .04 | 1 |
| 218 | 1 | 17 | 10 | 95 | .1 | 27 | 6 | 526 | 2.21 | 13 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 36 | .25 | .192 | 6 | 26 | .38 | 143 | .11 | 4 | 2.10 | .02 | .05 | 1 |
| 219 | 1 | 12 | 12 | 103 | .1 | 17 | 5 | 435 | 1.84 | 9 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 33 | .33 | .065 | 5 | 16 | .25 | 124 | .10 | 3 | 1.44 | .03 | .05 | 1 |
| 220 | 1 | 24 | 5 | 82 | .1 | 27 | 7 | 300 | 2.29 | 19 | 5 | ND | 3 | 18 | 1 | 2 | 2 | 38 | .25 | .071 | 7 | 23 | .35 | 122 | .11 | 5 | 2.28 | .02 | .05 | 1 |
| 221 | 1 | 17 | 9 | 68 | .1 | 24 | 6 | 279 | 2.02 | 11 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 34 | .26 | .064 | 5 | 22 | .29 | 126 | .11 | 5 | 2.00 | .03 | .04 | 1 |
| 222 | 2 | 23 | 11 | 82 | .1 | 25 | 7 | 403 | 1.95 | 11 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 34 | .29 | .067 | 6 | 23 | .29 | 132 | .10 | 4 | 1.68 | .02 | .05 | 1 |
| 223 | 1 | 21 | 8 | 93 | .1 | 24 | 7 | 551 | 1.98 | 14 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 34 | .25 | .119 | 5 | 21 | .35 | 182 | .10 | 4 | 1.79 | .03 | .05 | 1 |
| 224 | 1 | 26 | 12 | 76 | .1 | 25 | 7 | 494 | 2.07 | 13 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 38 | .30 | .066 | 6 | 26 | .34 | 143 | .10 | 6 | 1.69 | .03 | .06 | 1 |
| 225 | 1 | 23 | 8 | 216 | .1 | 21 | 5 | 547 | 1.99 | 12 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 26 | .45 | .051 | 8 | 14 | .27 | 120 | .09 | 6 | 1.68 | .03 | .12 | 1 |
| 226 | 5 | 9 | 4 | 37 | .2 | 6 | 4 | 326 | 1.54 | 7 | 5 | ND | 3 | 125 | 1 | 2 | 2 | 17 | 16.46 | .036 | 5 | 8 | .41 | 42 | .07 | 3 | .83 | .06 | .07 | 3 |
| 227 | 1 | 10 | 2 | 43 | .1 | 6 | 3 | 206 | 1.02 | 2 | 5 | ND | 1 | 143 | 1 | 2 | 2 | 18 | 19.61 | .039 | 2 | 9 | .41 | 30 | .06 | 2 | .68 | .07 | .02 | 3 |
| 228 | 1 | 14 | 3 | 136 | .1 | 5 | 2 | 211 | 1.10 | 2 | 5 | ND | 2 | 114 | 1 | 2 | 2 | 17 | 11.46 | .034 | 3 | 5 | .24 | 48 | .07 | 51 | .72 | .06 | .05 | 1 |
| 229 | 1 | 22 | 9 | 28 | .1 | 6 | 4 | 176 | .81 | 3 | 5 | ND | 1 | 49 | 1 | 2 | 2 | 13 | 6.56 | .038 | 2 | 5 | .14 | 37 | .09 | 3 | .58 | .05 | .04 | 1 |
| 230 | 1 | 21 | 5 | 92 | .1 | 17 | 5 | 780 | 1.61 | 13 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 28 | .30 | .104 | 7 | 16 | .25 | 202 | .08 | 3 | 1.50 | .03 | .06 | 1 |
| 231 | 1 | 34 | 46 | 155 | 1.0 | 21 | 6 | 1085 | 2.10 | 57 | 5 | ND | 2 | 20 | 1 | 3 | 2 | 34 | .29 | .095 | 10 | 23 | .34 | 186 | .08 | 3 | 1.83 | .02 | .05 | 4 |
| 232 | 2 | 26 | 16 | 122 | .1 | 28 | 7 | 583 | 2.26 | 48 | 5 | ND | 5 | 17 | 1 | 2 | 2 | 35 | .24 | .111 | 8 | 25 | .35 | 139 | .08 | 3 | 1.78 | .02 | .05 | 1 |
| 233 | 1 | 47 | 6 | 133 | .1 | 24 | 6 | 646 | 2.02 | 26 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 31 | .49 | .113 | 9 | 22 | .32 | 162 | .07 | 3 | 1.57 | .02 | .05 | 1 |
| 234 | 1 | 10 | 6 | 42 | .1 | 13 | 11 | 587 | 3.41 | 11 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 74 | .37 | .067 | 4 | 51 | 1.52 | 81 | .01 | 2 | 1.83 | .02 | .14 | 2 |
| 235 | 1 | 28 | 7 | 121 | .2 | 26 | 7 | 704 | 1.98 | 12 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 33 | .32 | .104 | 7 | 25 | .32 | 172 | .09 | 3 | 1.58 | .02 | .06 | 1 |
| 236 | 1 | 34 | 11 | 81 | .4 | 23 | 7 | 252 | 1.91 | 39 | 5 | ND | 3 | 23 | 1 | 3 | 2 | 29 | .36 | .025 | 12 | 18 | .24 | 94 | .11 | 5 | 2.15 | .03 | .05 | 1 |
| 237 | 2 | 23 | 10 | 77 | .1 | 30 | 8 | 466 | 2.17 | 12 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 38 | .28 | .138 | 7 | 27 | .33 | 153 | .08 | 3 | 1.58 | .02 | .05 | 1 |
| 238 | 2 | 37 | 13 | 135 | .2 | 29 | 8 | 484 | 2.54 | 12 | 5 | ND | 4 | 37 | 1 | 3 | 2 | 38 | .75 | .072 | 13 | 27 | .38 | 106 | .11 | 5 | 2.22 | .02 | .06 | 1 |
| 239 | 2 | 36 | 8 | 126 | .1 | 28 | 7 | 349 | 2.23 | 13 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 38 | .49 | .063 | 11 | 25 | .31 | 101 | .13 | 8 | 2.43 | .03 | .04 | 1 |
| 240 | 1 | 26 | 13 | 117 | .1 | 27 | 7 | 428 | 2.26 | 9 | 5 | ND | 5 | 20 | 1 | 2 | 2 | 40 | .30 | .087 | 6 | 24 | .35 | 165 | .13 | 4 | 2.48 | .03 | .06 | 1 |
| 241 | 4 | 42 | 18 | 259 | .1 | 37 | 12 | 2173 | 3.47 | 58 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 48 | .38 | .090 | 15 | 24 | .43 | 278 | .08 | 3 | 2.28 | .02 | .10 | 1 |
| 242 | 1 | 49 | 15 | 222 | .3 | 24 | 9 | 1286 | 2.59 | 21 | 5 | ND | 2 | 22 | 2 | 2 | 3 | 31 | 1.03 | .083 | 13 | 21 | .38 | 188 | .07 | 6 | 1.61 | .02 | .16 | 1 |
| 243 | 1 | 38 | 13 | 161 | .1 | 20 | 7 | 1418 | 2.58 | 22 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 33 | 1.01 | .086 | 12 | 21 | .37 | 170 | .07 | 7 | 1.66 | .02 | .15 | 1 |
| 244 | 1 | 27 | 19 | 196 | .2 | 27 | 9 | 605 | 2.77 | 19 | 5 | ND | 3 | 17 | 1 | 2 | 2 | 42 | .40 | .038 | 10 | 26 | .47 | 127 | .08 | 2 | 1.82 | .02 | .09 | 1 |
| 245 | 1 | 26 | 9 | 117 | .1 | 22 | 6 | 644 | 2.01 | 19 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 31 | .24 | .073 | 8 | 21 | .33 | 188 | .08 | 2 | 1.69 | .02 | .05 | 1 |
| STD C | 20 | 58 | 39 | 131 | 7.0 | 67 | 28 | 965 | 3.84 | 39 | 15 | 6 | 33 | 45 | 18 | 14 | 18 | 61 | .46 | .097 | 34 | 54 | .86 | 167 | .08 | 36 | 1.66 | .06 | .12 | 12 |
| 246 | 1 | 21 | 7 | 99 | .1 | 19 | 5 | 1195 | 1.67 | 11 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 29 | .28 | .120 | 7 | 19 | .25 | 233 | .08 | 3 | 1.39 | .03 | .05 | 1 |
| 247 | 1 | 30 | 16 | 66 | .1 | 21 | 7 | 880 | 2.00 | 9 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 35 | .30 | .079 | 7 | 24 | .35 | 142 | .06 | 2 | 1.09 | .02 | .06 | 1 |
| 248 | 1 | 34 | 20 | 117 | .1 | 16 | 7 | 1858 | 1.98 | 24 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 31 | .52 | .062 | 6 | 17 | .31 | 219 | .06 | 2 | 1.19 | .02 | .04 | 1 |
| 249 | 1 | 29 | 25 | 142 | .1 | 10 | 5 | 1671 | 1.59 | 12 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 27 | .70 | .069 | 5 | 10 | .28 | 178 | .05 | 3 | 1.02 | .03 | .05 | 1 |
| 250 | 1 | 22 | 4 | 88 | .1 | 7 | 3 | 359 | 1.12 | 6 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 27 | .48 | .092 | 4 | 9 | .15 | 89 | .07 | 3 | .71 | .04 | .04 | 1 |
| 251 | 2 | 18 | 6 | 137 | .1 | 24 | 6 | 508 | 1.98 | 17 | 5 | ND | 2 | 19 | 1 | 2 | 3 | 33 | .29 | .118 | 6 | 19 | .25 | 109 | .12 | 5 | 2.13 | .03 | .05 | 1 |
| 252 | 2 | 14 | 11 | 81 | .1 | 12 | 4 | 333 | 1.38 | 14 | 5 | ND | 2 | 13 | 1 | 2 | 2 | 27 | .20 | .068 | 4 | 12 | .17 | 80 | .09 | 5 | 1.17 | .03 | .04 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 253 | 1 | 16 | 10 | 179 | .3 | 17 | 5 | 573 | 1.71 | 10 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 32 | 1.09 | .098 | 5 | 20 | .31 | 166 | .09 | 4 | 1.32 | .02 | .07 | 1 |
| 254 | 1 | 29 | 13 | 100 | .1 | 22 | 7 | 495 | 2.01 | 4 | 5 | ND | 3 | 18 | 1 | 2 | 4 | 36 | .33 | .097 | 6 | 27 | .35 | 126 | .09 | 2 | 1.40 | .02 | .05 | 1 |
| 255 | 1 | 14 | 6 | 75 | .1 | 9 | 3 | 1097 | 1.13 | 2 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 25 | .29 | .095 | 3 | 12 | .16 | 213 | .06 | 2 | .69 | .03 | .04 | 1 |
| 256 | 2 | 35 | 7 | 97 | .1 | 20 | 6 | 458 | 2.06 | 8 | 5 | ND | 4 | 25 | 1 | 2 | 3 | 33 | .36 | .106 | 9 | 19 | .25 | 114 | .15 | 11 | 3.02 | .04 | .07 | 1 |
| 257 | 1 | 54 | 10 | 167 | .2 | 18 | 5 | 687 | 1.66 | 9 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 23 | .30 | .170 | 4 | 15 | .17 | 103 | .12 | 4 | 2.33 | .03 | .06 | 1 |
| 258 | 1 | 5 | 4 | 28 | .1 | 3 | 2 | 465 | .60 | 2 | 5 | ND | 2 | 12 | 1 | 3 | 2 | 17 | .15 | .029 | 2 | 5 | .06 | 60 | .05 | 2 | .37 | .05 | .04 | 1 |
| 259 | 1 | 18 | 9 | 94 | .1 | 19 | 6 | 648 | 1.98 | 8 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 35 | .31 | .050 | 6 | 19 | .30 | 157 | .10 | 2 | 1.67 | .03 | .05 | 1 |
| 260 | 1 | 19 | 11 | 85 | .1 | 15 | 5 | 485 | 1.58 | 9 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 27 | .24 | .091 | 5 | 11 | .18 | 138 | .11 | 3 | 2.03 | .04 | .06 | 1 |
| 261 | 1 | 24 | 12 | 99 | .1 | 27 | 6 | 524 | 2.13 | 21 | 5 | ND | 4 | 19 | 1 | 2 | 4 | 34 | .20 | .212 | 7 | 19 | .27 | 168 | .12 | 3 | 2.50 | .03 | .06 | 1 |
| 262 | 1 | 24 | 8 | 99 | .2 | 23 | 6 | 917 | 1.98 | 11 | 5 | ND | 4 | 25 | 1 | 3 | 3 | 32 | .24 | .147 | 9 | 18 | .29 | 279 | .10 | 2 | 2.06 | .03 | .06 | 2 |
| 263 | 1 | 22 | 10 | 125 | .2 | 29 | 7 | 1098 | 2.05 | 16 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 33 | .23 | .241 | 9 | 21 | .31 | 273 | .11 | 2 | 2.22 | .02 | .07 | 1 |
| 264 | 1 | 29 | 16 | 88 | .1 | 29 | 7 | 674 | 2.29 | 14 | 5 | ND | 2 | 18 | 1 | 2 | 4 | 39 | .29 | .042 | 10 | 27 | .43 | 130 | .08 | 2 | 1.61 | .02 | .06 | 1 |
| 265 | 1 | 29 | 22 | 257 | .3 | 29 | 8 | 1815 | 2.33 | 24 | 5 | ND | 3 | 25 | 2 | 2 | 4 | 37 | 1.46 | .129 | 12 | 23 | .41 | 218 | .07 | 8 | 1.80 | .02 | .17 | 1 |
| 266 | 1 | 39 | 16 | 138 | .1 | 29 | 9 | 1254 | 2.47 | 26 | 5 | ND | 3 | 27 | 1 | 2 | 3 | 39 | .42 | .078 | 11 | 23 | .39 | 229 | .08 | 4 | 1.69 | .02 | .09 | 1 |
| 267 | 1 | 26 | 10 | 120 | .1 | 34 | 7 | 387 | 2.38 | 16 | 5 | ND | 4 | 18 | 1 | 2 | 4 | 39 | .23 | .058 | 9 | 28 | .42 | 147 | .09 | 2 | 1.68 | .02 | .06 | 1 |
| 268 | 1 | 37 | 9 | 178 | .3 | 28 | 7 | 846 | 2.53 | 29 | 5 | ND | 5 | 23 | 1 | 2 | 4 | 39 | .29 | .133 | 12 | 26 | .41 | 190 | .10 | 5 | 2.10 | .02 | .09 | 1 |
| 269 | 1 | 22 | 37 | 176 | .2 | 24 | 5 | 1430 | 1.74 | 20 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 29 | .18 | .198 | 7 | 14 | .20 | 245 | .11 | 2 | 2.03 | .03 | .08 | 1 |
| 270 | 1 | 27 | 15 | 105 | .9 | 23 | 6 | 582 | 1.87 | 17 | 5 | ND | 4 | 18 | 1 | 2 | 2 | 33 | .19 | .139 | 6 | 20 | .24 | 159 | .12 | 3 | 1.99 | .03 | .07 | 1 |
| 271 | 1 | 21 | 15 | 91 | .1 | 20 | 7 | 605 | 2.33 | 11 | 5 | ND | 2 | 21 | 1 | 3 | 3 | 38 | .30 | .040 | 7 | 22 | .38 | 125 | .10 | 2 | 1.66 | .03 | .06 | 1 |
| 272 | 1 | 8 | 8 | 55 | .5 | 8 | 5 | 303 | 1.09 | 21 | 5 | ND | 2 | 80 | 1 | 2 | 2 | 37 | 7.01 | .042 | 4 | 24 | .67 | 107 | .01 | 2 | 1.19 | .06 | .10 | 1 |
| 273 | 1 | 32 | 11 | 224 | .1 | 21 | 6 | 597 | 2.15 | 7 | 5 | ND | 3 | 30 | 1 | 2 | 5 | 32 | .49 | .190 | 11 | 19 | .38 | 174 | .11 | 4 | 2.26 | .04 | .08 | 1 |
| 274 | 1 | 60 | 11 | 173 | .2 | 21 | 7 | 556 | 2.67 | 14 | 5 | ND | 4 | 26 | 1 | 2 | 2 | 38 | .39 | .140 | 10 | 18 | .43 | 169 | .09 | 2 | 2.10 | .03 | .07 | 3 |
| 275 | 2 | 43 | 13 | 196 | .1 | 21 | 6 | 774 | 2.27 | 16 | 5 | ND | 3 | 17 | 1 | 2 | 4 | 36 | .24 | .111 | 6 | 20 | .31 | 212 | .11 | 4 | 2.00 | .03 | .07 | 1 |
| 276 | 1 | 15 | 8 | 83 | .1 | 15 | 5 | 545 | 1.63 | 5 | 5 | ND | 2 | 14 | 1 | 2 | 2 | 32 | .22 | .070 | 5 | 17 | .26 | 123 | .08 | 3 | 1.12 | .03 | .05 | 1 |
| 277 | 1 | 27 | 11 | 160 | .3 | 20 | 6 | 629 | 2.00 | 15 | 5 | ND | 3 | 24 | 1 | 2 | 4 | 34 | .39 | .334 | 7 | 23 | .35 | 214 | .10 | 4 | 1.96 | .05 | .08 | 1 |
| 278 | 1 | 24 | 10 | 83 | .1 | 26 | 6 | 352 | 1.90 | 13 | 5 | ND | 3 | 18 | 1 | 2 | 3 | 35 | .24 | .101 | 7 | 29 | .36 | 129 | .08 | 3 | 1.21 | .02 | .06 | 1 |
| 279 | 1 | 18 | 8 | 107 | .5 | 33 | 6 | 314 | 1.90 | 7 | 5 | ND | 2 | 22 | 1 | 2 | 3 | 33 | .28 | .079 | 7 | 23 | .32 | 142 | .10 | 3 | 1.60 | .03 | .06 | 1 |
| 280 | 1 | 20 | 9 | 102 | .5 | 34 | 6 | 317 | 2.00 | 9 | 5 | ND | 4 | 23 | 1 | 2 | 4 | 35 | .23 | .145 | 6 | 19 | .26 | 139 | .11 | 3 | 2.15 | .03 | .06 | 1 |
| 281 | 1 | 15 | 12 | 153 | .1 | 20 | 5 | 948 | 1.36 | 10 | 5 | ND | 2 | 32 | 1 | 2 | 3 | 23 | .27 | .244 | 5 | 12 | .16 | 273 | .09 | 6 | 1.40 | .03 | .07 | 1 |
| 282 | 1 | 15 | 9 | 137 | .6 | 25 | 5 | 520 | 1.58 | 6 | 5 | ND | 2 | 23 | 1 | 2 | 3 | 26 | .18 | .181 | 6 | 14 | .15 | 170 | .13 | 3 | 2.42 | .04 | .05 | 1 |
| 283 | 1 | 19 | 11 | 106 | .1 | 22 | 6 | 584 | 1.92 | 14 | 5 | ND | 3 | 16 | 1 | 2 | 3 | 32 | .15 | .139 | 7 | 21 | .27 | 165 | .09 | 2 | 1.70 | .02 | .05 | 2 |
| 284 | 1 | 18 | 8 | 91 | .1 | 16 | 5 | 567 | 1.79 | 10 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 32 | .21 | .126 | 6 | 16 | .24 | 166 | .10 | 2 | 1.72 | .03 | .06 | 1 |
| 285 | 1 | 22 | 9 | 183 | .1 | 14 | 6 | 1109 | 1.61 | 17 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 30 | .22 | .082 | 6 | 13 | .20 | 145 | .08 | 2 | .99 | .04 | .04 | 1 |
| 286 | 1 | 21 | 5 | 197 | .2 | 25 | 7 | 911 | 1.95 | 19 | 5 | ND | 4 | 22 | 2 | 2 | 5 | 32 | .24 | .162 | 7 | 18 | .27 | 189 | .11 | 2 | 1.83 | .03 | .07 | 1 |
| 287 | 1 | 14 | 9 | 214 | .3 | 30 | 6 | 605 | 1.86 | 16 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 31 | .20 | .292 | 5 | 15 | .20 | 160 | .12 | 2 | 2.36 | .03 | .05 | 1 |
| 288 | 1 | 21 | 16 | 157 | .1 | 25 | 7 | 549 | 2.30 | 19 | 5 | ND | 4 | 15 | 1 | 2 | 2 | 38 | .18 | .113 | 7 | 22 | .31 | 140 | .12 | 3 | 2.50 | .03 | .06 | 1 |
| STD C | 20 | 59 | 42 | 135 | 6.8 | 68 | 28 | 999 | 3.99 | 44 | 20 | 7 | 34 | 47 | 17 | 15 | 20 | 63 | .46 | .100 | 35 | 57 | .84 | 178 | .08 | 35 | 1.78 | .07 | .14 | 13 |

# SOOKOCHOFF PROJECT - TROUVER FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 289 | 1 | 19 | 8 | 110 | .3 | 25 | 6 | 514 | 1.75 | 12 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 30 | .21 | .143 | 6 | 20 | .28 | 185 | .10 | 3 | 1.78 | .03 | .05 | 1 |
| 290 | 1 | 23 | 10 | 114 | .1 | 25 | 6 | 313 | 2.18 | 19 | 5 | ND | 2 | 13 | 1 | 2 | 2 | 37 | .16 | .129 | 7 | 21 | .33 | 183 | .08 | 3 | 1.67 | .02 | .05 | 1 |
| 291 | 1 | 26 | 11 | 120 | .1 | 30 | 7 | 404 | 2.21 | 15 | 5 | ND | 3 | 43 | 1 | 2 | 2 | 33 | .39 | .119 | 11 | 19 | .30 | 116 | .11 | 4 | 2.07 | .03 | .06 | 2 |
| 292 | 1 | 34 | 10 | 112 | .2 | 30 | 7 | 557 | 2.27 | 8 | 5 | ND | 4 | 48 | 1 | 2 | 2 | 31 | .57 | .024 | 15 | 27 | .42 | 146 | .11 | 4 | 1.86 | .04 | .07 | 1 |
| 293 | 1 | 32 | 8 | 109 | .2 | 33 | 8 | 555 | 2.37 | 6 | 5 | ND | 4 | 52 | 1 | 2 | 2 | 36 | .64 | .029 | 14 | 29 | .45 | 144 | .11 | 4 | 1.68 | .04 | .06 | 1 |
| 294 | 1 | 21 | 7 | 80 | .1 | 24 | 8 | 204 | 2.45 | 11 | 5 | ND | 4 | 44 | 1 | 2 | 2 | 36 | .46 | .053 | 11 | 26 | .39 | 201 | .14 | 4 | 2.68 | .04 | .07 | 1 |
| 295 | 1 | 25 | 8 | 75 | .1 | 22 | 6 | 422 | 1.97 | 10 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 36 | .35 | .064 | 8 | 28 | .35 | 150 | .09 | 3 | 1.48 | .03 | .08 | 1 |
| 296 | 1 | 26 | 9 | 75 | .2 | 22 | 7 | 335 | 2.25 | 12 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 40 | .31 | .062 | 9 | 28 | .43 | 143 | .09 | 3 | 1.37 | .02 | .08 | 1 |
| 297 | 1 | 22 | 8 | 70 | .1 | 21 | 6 | 315 | 1.97 | 10 | 5 | ND | 2 | 24 | 1 | 2 | 3 | 33 | .28 | .042 | 7 | 25 | .35 | 132 | .08 | 3 | 1.17 | .02 | .06 | 1 |
| 298 | 1 | 27 | 9 | 126 | .1 | 26 | 8 | 480 | 2.61 | 11 | 5 | ND | 5 | 37 | 1 | 2 | 2 | 47 | .47 | .118 | 15 | 31 | .55 | 180 | .13 | 3 | 2.07 | .03 | .10 | 2 |
| 299 | 1 | 33 | 14 | 81 | .1 | 25 | 7 | 519 | 2.25 | 16 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 38 | .34 | .050 | 10 | 25 | .42 | 151 | .10 | 2 | 1.79 | .03 | .09 | 1 |
| 300 | 2 | 35 | 10 | 70 | .1 | 27 | 9 | 379 | 2.56 | 16 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 45 | .33 | .037 | 10 | 32 | .49 | 116 | .10 | 8 | 1.69 | .02 | .11 | 1 |
| 301 | 1 | 33 | 7 | 120 | .1 | 25 | 9 | 529 | 2.59 | 17 | 5 | ND | 5 | 30 | 1 | 2 | 2 | 46 | .35 | .188 | 13 | 33 | .48 | 234 | .13 | 5 | 2.29 | .03 | .10 | 1 |
| 301A | 1 | 29 | 8 | 83 | .2 | 24 | 6 | 226 | 2.06 | 29 | 5 | ND | 3 | 26 | 1 | 2 | 4 | 32 | .38 | .061 | 11 | 21 | .30 | 150 | .12 | 5 | 2.23 | .04 | .07 | 1 |
| 302 | 1 | 35 | 9 | 120 | .1 | 37 | 9 | 386 | 2.72 | 18 | 5 | ND | 5 | 32 | 1 | 2 | 2 | 39 | .40 | .044 | 17 | 28 | .48 | 206 | .11 | 2 | 2.36 | .03 | .07 | 1 |
| 303 | 1 | 27 | 9 | 75 | .1 | 25 | 7 | 285 | 2.24 | 12 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 36 | .30 | .027 | 10 | 25 | .42 | 122 | .09 | 2 | 1.36 | .02 | .07 | 1 |
| 304 | 2 | 29 | 11 | 122 | .1 | 32 | 7 | 357 | 2.41 | 16 | 5 | ND | 3 | 28 | 1 | 3 | 2 | 36 | .34 | .053 | 9 | 26 | .40 | 183 | .09 | 5 | 1.66 | .03 | .10 | 1 |
| 305 | 1 | 22 | 7 | 84 | .1 | 20 | 6 | 422 | 1.88 | 15 | 5 | ND | 3 | 22 | 1 | 4 | 2 | 30 | .24 | .155 | 9 | 20 | .26 | 161 | .11 | 6 | 1.95 | .03 | .08 | 1 |
| 306 | 1 | 28 | 6 | 72 | .2 | 21 | 6 | 364 | 1.87 | 13 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 30 | .38 | .124 | 8 | 24 | .32 | 160 | .07 | 5 | 1.38 | .03 | .11 | 1 |
| 307 | 1 | 37 | 8 | 80 | .2 | 28 | 7 | 476 | 2.07 | 15 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 33 | .33 | .184 | 9 | 27 | .37 | 206 | .09 | 5 | 1.78 | .03 | .11 | 1 |
| 308 | 1 | 29 | 8 | 93 | .1 | 27 | 8 | 306 | 2.31 | 16 | 5 | ND | 4 | 30 | 1 | 2 | 2 | 34 | .38 | .224 | 9 | 25 | .38 | 178 | .09 | 4 | 2.08 | .03 | .08 | 2 |
| 309 | 1 | 28 | 10 | 83 | .1 | 30 | 6 | 283 | 2.13 | 17 | 5 | ND | 4 | 18 | 1 | 2 | 2 | 34 | .21 | .134 | 9 | 23 | .31 | 162 | .10 | 3 | 2.04 | .03 | .07 | 1 |
| 310 | 1 | 30 | 11 | 79 | .3 | 25 | 7 | 372 | 2.09 | 17 | 5 | ND | 4 | 20 | 1 | 2 | 2 | 34 | .27 | .113 | 9 | 23 | .32 | 138 | .10 | 3 | 2.01 | .03 | .07 | 1 |
| 311 | 1 | 23 | 8 | 93 | .4 | 21 | 6 | 466 | 1.79 | 17 | 5 | ND | 3 | 18 | 1 | 2 | 2 | 29 | .26 | .183 | 7 | 19 | .24 | 170 | .09 | 10 | 1.71 | .03 | .09 | 1 |
| 312 | 1 | 31 | 7 | 70 | .1 | 24 | 7 | 287 | 1.97 | 14 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 30 | .19 | .159 | 7 | 22 | .29 | 162 | .07 | 3 | 1.29 | .03 | .05 | 1 |
| 313 | 1 | 25 | 8 | 75 | .4 | 19 | 6 | 453 | 1.84 | 11 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 31 | .39 | .062 | 9 | 18 | .25 | 147 | .09 | 6 | 1.72 | .04 | .06 | 1 |
| 314 | 1 | 25 | 11 | 69 | .2 | 22 | 6 | 323 | 1.93 | 12 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 32 | .31 | .050 | 9 | 22 | .28 | 125 | .10 | 4 | 1.89 | .03 | .06 | 1 |
| 315 | 1 | 25 | 12 | 99 | .3 | 27 | 7 | 563 | 1.85 | 11 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 29 | .29 | .145 | 8 | 23 | .28 | 208 | .08 | 8 | 1.59 | .03 | .07 | 2 |
| 316 | 1 | 26 | 9 | 84 | .1 | 30 | 7 | 264 | 2.10 | 14 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 32 | .28 | .120 | 7 | 25 | .31 | 174 | .10 | 4 | 2.07 | .03 | .07 | 1 |
| 317 | 1 | 15 | 8 | 90 | .1 | 22 | 5 | 565 | 1.61 | 10 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 27 | .30 | .116 | 6 | 19 | .25 | 240 | .08 | 3 | 1.36 | .03 | .07 | 1 |
| 318 | 1 | 21 | 9 | 101 | .1 | 28 | 6 | 314 | 2.05 | 11 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 33 | .24 | .058 | 10 | 27 | .38 | 214 | .09 | 5 | 1.53 | .03 | .09 | 1 |
| 319 | 1 | 25 | 9 | 122 | .2 | 38 | 7 | 615 | 2.20 | 13 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 33 | .32 | .122 | 10 | 25 | .38 | 285 | .09 | 3 | 1.83 | .03 | .13 | 1 |
| 320 | 1 | 24 | 8 | 97 | .2 | 24 | 8 | 558 | 2.19 | 20 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 36 | .27 | .200 | 7 | 23 | .31 | 196 | .09 | 4 | 1.70 | .03 | .07 | 2 |
| 321 | 1 | 29 | 8 | 72 | .1 | 23 | 7 | 331 | 2.02 | 17 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 33 | .33 | .076 | 9 | 22 | .30 | 130 | .08 | 5 | 1.51 | .03 | .06 | 1 |
| 322 | 1 | 22 | 8 | 81 | .1 | 22 | 6 | 401 | 1.98 | 14 | 5 | ND | 3 | 21 | 1 | 3 | 2 | 32 | .26 | .133 | 7 | 21 | .28 | 151 | .10 | 5 | 1.78 | .03 | .06 | 1 |
| 323 | 1 | 14 | 7 | 42 | .1 | 13 | 4 | 139 | 1.42 | 11 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 26 | .34 | .033 | 5 | 16 | .20 | 85 | .07 | 5 | 1.06 | .03 | .06 | 2 |
| 324 | 1 | 27 | 8 | 67 | .2 | 16 | 4 | 284 | 1.32 | 12 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 25 | 1.30 | .048 | 7 | 18 | .17 | 125 | .07 | 7 | 1.20 | .04 | .05 | 1 |
| STD C | 20 | 59 | 41 | 137 | 6.9 | 69 | 28 | 1020 | 3.97 | 38 | 16 | 7 | 34 | 48 | 18 | 17 | 19 | 65 | .46 | .101 | 36 | 56 | .88 | 182 | .08 | 34 | 1.67 | .07 | .14 | 12 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 325 | 1 | 15 | 6 | 135 | .1 | 21 | 5 | 668 | 1.65 | 8 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 25 | .33 | .205 | 7 | 20 | .24 | 220 | .07 | 7 | 1.42 | .02 | .07 | 1 |
| 326 | 1 | 21 | 4 | 79 | .1 | 32 | 6 | 368 | 2.07 | 12 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 30 | .29 | .202 | 7 | 26 | .33 | 211 | .09 | 6 | 1.93 | .02 | .08 | 1 |
| 327 | 1 | 18 | 3 | 83 | .1 | 28 | 6 | 354 | 1.82 | 9 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 29 | .23 | .105 | 8 | 23 | .32 | 210 | .09 | 7 | 1.49 | .03 | .06 | 1 |
| 328 | 1 | 21 | 6 | 123 | .1 | 35 | 7 | 641 | 2.09 | 13 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 30 | .39 | .260 | 10 | 29 | .39 | 283 | .09 | 6 | 1.83 | .02 | .06 | 1 |
| 329 | 1 | 14 | 4 | 92 | .1 | 23 | 5 | 381 | 1.87 | 8 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 33 | .24 | .053 | 6 | 27 | .36 | 256 | .08 | 6 | 1.04 | .02 | .06 | 1 |
| 330 | 1 | 54 | 4 | 60 | .3 | 28 | 6 | 578 | 1.71 | 5 | 5 | ND | 1 | 82 | 1 | 2 | 2 | 26 | .83 | .023 | 17 | 25 | .34 | 119 | .09 | 8 | 1.31 | .04 | .05 | 1 |
| 331 | 1 | 27 | 5 | 84 | .1 | 51 | 7 | 462 | 2.15 | 15 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 34 | .26 | .140 | 10 | 29 | .39 | 192 | .12 | 7 | 2.17 | .03 | .07 | 1 |
| 332 | 1 | 25 | 3 | 58 | .1 | 20 | 6 | 255 | 1.81 | 10 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 29 | .33 | .058 | 9 | 19 | .27 | 183 | .10 | 8 | 1.75 | .03 | .05 | 1 |
| 333 | 1 | 25 | 8 | 97 | .1 | 24 | 6 | 519 | 1.93 | 11 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 31 | .28 | .122 | 10 | 21 | .31 | 192 | .10 | 8 | 1.72 | .03 | .08 | 1 |
| 334 | 1 | 18 | 4 | 121 | .1 | 25 | 7 | 318 | 2.01 | 13 | 5 | ND | 3 | 18 | 1 | 2 | 2 | 33 | .22 | .131 | 7 | 23 | .28 | 202 | .09 | 7 | 1.43 | .02 | .05 | 1 |
| 335 | 1 | 30 | 3 | 80 | .1 | 29 | 7 | 253 | 2.06 | 11 | 5 | ND | 4 | 22 | 1 | 2 | 2 | 32 | .30 | .080 | 11 | 23 | .32 | 142 | .10 | 7 | 1.87 | .03 | .08 | 1 |
| 336 | 1 | 19 | 6 | 86 | .1 | 27 | 6 | 439 | 1.98 | 16 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 30 | .27 | .144 | 7 | 20 | .28 | 174 | .09 | 6 | 1.82 | .03 | .05 | 1 |
| 337 | 1 | 19 | 3 | 61 | .1 | 23 | 5 | 306 | 1.76 | 6 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 28 | .38 | .063 | 8 | 21 | .27 | 130 | .09 | 8 | 1.56 | .02 | .07 | 1 |
| STD C | 20 | 59 | 37 | 134 | 6.9 | 67 | 27 | 1020 | 3.96 | 42 | 17 | 7 | 34 | 46 | 18 | 17 | 21 | 62 | .47 | .097 | 36 | 54 | .87 | 179 | .08 | 35 | 1.71 | .06 | .12 | 14 |
| 338 | 1 | 25 | 4 | 85 | .2 | 23 | 6 | 451 | 1.93 | 15 | 5 | ND | 3 | 22 | 1 | 3 | 2 | 28 | .31 | .132 | 8 | 20 | .32 | 212 | .10 | 8 | 2.14 | .03 | .12 | 1 |
| 339 | 1 | 18 | 6 | 94 | .2 | 27 | 6 | 462 | 1.93 | 9 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 29 | .28 | .143 | 8 | 20 | .32 | 252 | .09 | 7 | 1.67 | .03 | .08 | 1 |
| 340 | 1 | 26 | 6 | 107 | .1 | 35 | 6 | 521 | 2.12 | 14 | 5 | ND | 3 | 17 | 1 | 2 | 2 | 31 | .22 | .115 | 9 | 27 | .35 | 225 | .10 | 7 | 1.87 | .02 | .08 | 1 |
| 341 | 1 | 22 | 3 | 108 | .1 | 25 | 6 | 522 | 1.80 | 11 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 28 | .27 | .224 | 8 | 22 | .24 | 188 | .10 | 6 | 1.79 | .03 | .06 | 1 |
| 342 | 1 | 19 | 4 | 80 | .1 | 24 | 5 | 515 | 1.60 | 12 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 28 | .26 | .141 | 6 | 18 | .24 | 175 | .08 | 7 | 1.34 | .03 | .05 | 1 |
| 343 | 1 | 21 | 7 | 83 | .1 | 33 | 5 | 510 | 1.61 | 13 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 26 | .32 | .111 | 7 | 22 | .27 | 179 | .10 | 7 | 1.70 | .04 | .06 | 2 |
| 344 | 1 | 18 | 2 | 79 | .1 | 48 | 8 | 383 | 2.30 | 11 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 36 | .30 | .091 | 9 | 43 | .43 | 134 | .10 | 7 | 1.60 | .03 | .07 | 1 |
| 345 | 1 | 25 | 6 | 101 | .1 | 38 | 7 | 302 | 1.98 | 13 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 30 | .24 | .163 | 10 | 27 | .36 | 246 | .10 | 8 | 1.93 | .03 | .06 | 1 |
| 346 | 2 | 40 | 22 | 177 | .8 | 36 | 7 | 420 | 2.37 | 17 | 5 | ND | 3 | 34 | 1 | 5 | 2 | 29 | .32 | .110 | 14 | 14 | .23 | 159 | .08 | 7 | 1.62 | .03 | .07 | 1 |
| 347 | 1 | 30 | 10 | 118 | .1 | 31 | 7 | 365 | 2.17 | 16 | 5 | ND | 3 | 32 | 1 | 2 | 3 | 32 | .29 | .081 | 11 | 22 | .31 | 158 | .08 | 7 | 1.52 | .02 | .06 | 1 |
| 348 | 1 | 28 | 8 | 131 | .1 | 30 | 8 | 381 | 2.17 | 16 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 33 | .27 | .137 | 9 | 21 | .32 | 161 | .10 | 7 | 1.90 | .03 | .06 | 1 |
| 349 | 1 | 17 | 5 | 105 | .2 | 22 | 6 | 731 | 1.72 | 13 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 29 | .20 | .120 | 6 | 18 | .24 | 214 | .08 | 7 | 1.25 | .03 | .07 | 1 |
| 350 | 1 | 23 | 11 | 121 | .3 | 30 | 7 | 495 | 2.17 | 13 | 7 | ND | 3 | 23 | 1 | 2 | 2 | 32 | .36 | .183 | 9 | 29 | .40 | 225 | .07 | 7 | 1.40 | .02 | .09 | 1 |
| 351 | 1 | 14 | 4 | 89 | .1 | 24 | 5 | 707 | 1.48 | 11 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 23 | .30 | .153 | 5 | 15 | .21 | 234 | .08 | 7 | 1.34 | .03 | .07 | 1 |
| 352 | 1 | 22 | 2 | 120 | .1 | 38 | 6 | 436 | 1.92 | 13 | 5 | ND | 3 | 23 | 1 | 2 | 3 | 27 | .31 | .266 | 7 | 22 | .29 | 233 | .10 | 6 | 2.08 | .03 | .08 | 1 |
| 353 | 1 | 28 | 6 | 102 | .1 | 32 | 7 | 324 | 2.10 | 17 | 5 | ND | 4 | 21 | 1 | 2 | 3 | 32 | .29 | .116 | 11 | 23 | .33 | 191 | .11 | 7 | 2.19 | .03 | .10 | 1 |
| 354 | 1 | 27 | 5 | 117 | .2 | 29 | 7 | 459 | 2.22 | 14 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 32 | .28 | .141 | 8 | 23 | .34 | 193 | .10 | 6 | 2.01 | .03 | .09 | 1 |
| 355 | 1 | 32 | 10 | 110 | .1 | 32 | 7 | 528 | 2.27 | 18 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 34 | .35 | .162 | 10 | 26 | .37 | 195 | .09 | 7 | 1.85 | .03 | .07 | 1 |
| 356 | 1 | 21 | 6 | 121 | .1 | 31 | 7 | 538 | 2.06 | 12 | 5 | ND | 3 | 40 | 1 | 2 | 2 | 32 | .36 | .118 | 9 | 20 | .30 | 189 | .11 | 9 | 2.04 | .03 | .06 | 1 |
| 357 | 1 | 26 | 8 | 92 | .1 | 30 | 8 | 544 | 2.51 | 20 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 39 | .26 | .063 | 9 | 24 | .40 | 151 | .10 | 6 | 1.73 | .03 | .06 | 2 |
| 358 | 1 | 24 | 10 | 81 | .1 | 37 | 7 | 517 | 2.23 | 15 | 6 | ND | 3 | 34 | 1 | 2 | 2 | 33 | .37 | .113 | 12 | 27 | .36 | 146 | .11 | 8 | 2.08 | .03 | .09 | 1 |
| 359 | 1 | 26 | 7 | 95 | .1 | 27 | 8 | 460 | 2.54 | 16 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 41 | .33 | .054 | 13 | 34 | .57 | 123 | .09 | 7 | 1.14 | .02 | .10 | 1 |
| 360 | 1 | 24 | 8 | 95 | .1 | 32 | 6 | 590 | 2.00 | 9 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 31 | .35 | .120 | 10 | 28 | .40 | 223 | .08 | 6 | 1.53 | .03 | .10 | 1 |

SOOKOCHOFF PROJECT - TROUVER FILE # 87-1827

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 361 | 1 | 26 | 9 | 92 | .1 | 36 | 8 | 480 | 2.33 | 8 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 34 | .25 | .098 | 8 | 28 | .42 | 227 | .08 | 4 | 1.82 | .02 | .12 | 1 |
| 362 | 1 | 26 | 13 | 116 | .1 | 28 | 8 | 340 | 2.24 | 11 | 5 | ND | 3 | 14 | 1 | 2 | 2 | 38 | .24 | .078 | 8 | 26 | .37 | 200 | .09 | 2 | 1.87 | .02 | .06 | 1 |
| 363 | 1 | 60 | 6 | 120 | .7 | 9 | 2 | 673 | .74 | 9 | 6 | ND | 2 | 65 | 5 | 2 | 2 | 11 | 15.75 | .074 | 7 | 9 | .10 | 195 | .03 | 8 | .61 | .08 | .03 | 2 |
| 364 | 1 | 23 | 7 | 112 | .1 | 25 | 6 | 406 | 1.77 | 9 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 29 | .68 | .160 | 6 | 18 | .25 | 222 | .10 | 3 | 1.91 | .02 | .07 | 1 |
| 365 | 1 | 73 | 11 | 121 | .5 | 35 | 7 | 310 | 1.93 | 17 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 30 | .27 | .262 | 7 | 20 | .27 | 184 | .10 | 2 | 2.14 | .03 | .07 | 1 |
| 366 | 1 | 22 | 11 | 102 | .1 | 38 | 7 | 522 | 2.10 | 15 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 30 | .23 | .187 | 6 | 31 | .34 | 226 | .08 | 5 | 1.62 | .02 | .06 | 2 |
| 367 | 1 | 22 | 6 | 78 | .1 | 38 | 6 | 261 | 1.92 | 20 | 5 | ND | 3 | 17 | 1 | 2 | 2 | 29 | .21 | .131 | 6 | 22 | .29 | 194 | .09 | 3 | 1.84 | .03 | .08 | 2 |
| 368 | 1 | 30 | 14 | 115 | .1 | 36 | 7 | 393 | 2.23 | 14 | 5 | ND | 3 | 16 | 1 | 2 | 2 | 36 | .19 | .143 | 9 | 25 | .37 | 226 | .10 | 3 | 2.20 | .02 | .10 | 1 |
| 369 | 1 | 30 | 6 | 118 | .2 | 40 | 7 | 279 | 2.18 | 15 | 6 | ND | 4 | 17 | 1 | 2 | 2 | 33 | .19 | .126 | 10 | 23 | .32 | 218 | .11 | 2 | 2.32 | .03 | .08 | 1 |
| 370 | 1 | 24 | 7 | 107 | .1 | 32 | 7 | 375 | 2.02 | 19 | 5 | ND | 3 | 23 | 1 | 2 | 3 | 30 | .26 | .104 | 9 | 25 | .32 | 217 | .09 | 4 | 1.78 | .03 | .09 | 2 |
| 371 | 1 | 24 | 8 | 114 | .1 | 26 | 6 | 529 | 2.01 | 17 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 30 | .22 | .122 | 10 | 19 | .28 | 229 | .11 | 2 | 2.27 | .03 | .07 | 1 |
| 372 | 1 | 26 | 10 | 96 | .1 | 31 | 7 | 574 | 1.97 | 13 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 34 | .30 | .101 | 8 | 24 | .33 | 210 | .09 | 3 | 1.68 | .03 | .09 | 1 |
| 373 | 1 | 29 | 11 | 117 | .1 | 42 | 8 | 343 | 2.27 | 23 | 5 | ND | 4 | 20 | 1 | 2 | 2 | 35 | .19 | .168 | 7 | 27 | .35 | 188 | .09 | 2 | 2.08 | .03 | .07 | 1 |
| 374 | 1 | 22 | 8 | 101 | .1 | 48 | 8 | 553 | 2.13 | 14 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 33 | .19 | .154 | 9 | 27 | .36 | 231 | .10 | 3 | 1.95 | .02 | .07 | 2 |
| 375 | 1 | 20 | 11 | 106 | .1 | 41 | 7 | 463 | 2.01 | 11 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 32 | .21 | .113 | 10 | 26 | .34 | 210 | .09 | 2 | 1.92 | .02 | .08 | 2 |
| STD C | 20 | 59 | 36 | 131 | 6.7 | 67 | 28 | 984 | 3.71 | 41 | 15 | 7 | 33 | 45 | 18 | 15 | 20 | 61 | .43 | .099 | 35 | 54 | .82 | 167 | .07 | 37 | 1.63 | .07 | .12 | 15 |
| 376 | 1 | 15 | 8 | 122 | .2 | 23 | 6 | 719 | 1.60 | 7 | 8 | ND | 2 | 28 | 1 | 2 | 2 | 27 | .28 | .129 | 7 | 18 | .27 | 264 | .06 | 3 | 1.01 | .03 | .08 | 1 |
| 377 | 1 | 24 | 10 | 123 | .1 | 29 | 6 | 651 | 1.88 | 11 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 26 | .32 | .242 | 9 | 20 | .30 | 283 | .08 | 6 | 1.88 | .03 | .09 | 1 |
| 378 | 1 | 19 | 9 | 72 | .1 | 32 | 8 | 380 | 2.18 | 9 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 35 | .24 | .057 | 9 | 32 | .43 | 166 | .08 | 2 | 1.43 | .02 | .10 | 1 |
| 379 | 1 | 49 | 8 | 77 | .2 | 54 | 9 | 283 | 2.63 | 19 | 5 | ND | 4 | 35 | 1 | 2 | 2 | 40 | .33 | .105 | 13 | 35 | .52 | 160 | .10 | 2 | 2.17 | .03 | .14 | 1 |
| 380 | 1 | 28 | 5 | 124 | .2 | 29 | 6 | 631 | 1.87 | 13 | 5 | ND | 4 | 23 | 1 | 2 | 3 | 29 | .28 | .284 | 8 | 22 | .27 | 329 | .09 | 4 | 1.99 | .03 | .09 | 1 |
| 381 | 1 | 29 | 8 | 131 | .2 | 35 | 7 | 675 | 2.02 | 18 | 5 | ND | 3 | 15 | 1 | 2 | 2 | 32 | .16 | .210 | 6 | 20 | .26 | 269 | .11 | 2 | 2.30 | .03 | .07 | 1 |
| 382 | 1 | 22 | 11 | 115 | .1 | 27 | 7 | 467 | 1.93 | 16 | 5 | ND | 2 | 22 | 1 | 4 | 2 | 29 | .29 | .201 | 8 | 22 | .28 | 241 | .08 | 2 | 1.70 | .02 | .09 | 1 |
| 383 | 1 | 20 | 10 | 107 | .2 | 26 | 6 | 450 | 1.95 | 19 | 7 | ND | 4 | 19 | 1 | 2 | 4 | 31 | .24 | .184 | 8 | 21 | .28 | 204 | .08 | 2 | 1.80 | .03 | .07 | 1 |
| 384 | 1 | 23 | 7 | 141 | .3 | 34 | 7 | 927 | 2.01 | 18 | 6 | ND | 3 | 17 | 1 | 2 | 2 | 31 | .20 | .203 | 7 | 25 | .32 | 261 | .09 | 7 | 1.83 | .03 | .08 | 2 |
| 385 | 1 | 35 | 12 | 109 | .2 | 36 | 8 | 377 | 2.20 | 16 | 5 | ND | 4 | 20 | 1 | 2 | 2 | 36 | .18 | .126 | 11 | 27 | .37 | 228 | .11 | 2 | 2.13 | .03 | .08 | 1 |
| 386 | 1 | 30 | 10 | 80 | .2 | 33 | 6 | 461 | 1.86 | 25 | 5 | ND | 3 | 20 | 1 | 3 | 2 | 28 | .20 | .181 | 7 | 17 | .29 | 169 | .10 | 6 | 2.18 | .03 | .07 | 2 |
| 387 | 1 | 29 | 11 | 101 | .2 | 31 | 6 | 430 | 2.00 | 17 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 30 | .26 | .169 | 11 | 20 | .29 | 188 | .10 | 3 | 2.17 | .03 | .09 | 1 |
| 388 | 1 | 35 | 14 | 122 | .1 | 27 | 7 | 499 | 2.21 | 22 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 34 | .26 | .097 | 10 | 23 | .36 | 203 | .09 | 2 | 1.94 | .03 | .09 | 1 |
| 389 | 1 | 29 | 7 | 130 | .1 | 26 | 7 | 598 | 2.13 | 22 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 30 | .19 | .239 | 10 | 22 | .31 | 235 | .09 | 2 | 1.91 | .02 | .07 | 1 |
| 390 | 1 | 20 | 10 | 101 | .1 | 27 | 7 | 485 | 2.04 | 15 | 5 | ND | 3 | 19 | 1 | 3 | 2 | 34 | .22 | .069 | 8 | 25 | .38 | 188 | .07 | 2 | 1.49 | .02 | .11 | 3 |
| 391 | 1 | 36 | 13 | 135 | .4 | 40 | 7 | 582 | 2.11 | 11 | 5 | ND | 3 | 42 | 1 | 2 | 2 | 29 | .46 | .031 | 10 | 26 | .36 | 170 | .08 | 3 | 1.97 | .03 | .08 | 1 |
| 392 | 1 | 29 | 9 | 96 | .1 | 39 | 8 | 437 | 2.37 | 18 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 36 | .26 | .126 | 11 | 27 | .40 | 198 | .10 | 3 | 2.12 | .02 | .08 | 1 |
| 393 | 1 | 21 | 8 | 98 | .1 | 34 | 7 | 483 | 2.08 | 13 | 5 | ND | 4 | 28 | 1 | 2 | 2 | 33 | .26 | .147 | 11 | 23 | .35 | 226 | .08 | 2 | 1.85 | .02 | .08 | 1 |
| 394 | 1 | 23 | 8 | 85 | .2 | 34 | 7 | 483 | 2.16 | 9 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 34 | .29 | .065 | 9 | 27 | .39 | 180 | .07 | 2 | 1.47 | .02 | .09 | 1 |
| 395 | 1 | 23 | 8 | 83 | .2 | 30 | 7 | 563 | 1.98 | 7 | 5 | ND | 3 | 34 | 1 | 2 | 2 | 31 | .53 | .026 | 12 | 28 | .35 | 168 | .08 | 3 | 1.69 | .03 | .08 | 1 |
| 396 | 1 | 25 | 13 | 103 | .1 | 45 | 9 | 411 | 2.31 | 11 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 35 | .29 | .138 | 12 | 31 | .41 | 172 | .10 | 4 | 1.98 | .03 | .08 | 2 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 397 | 1 | 22 | 12 | 109 | .1 | 43 | 8 | 690 | 2.13 | 17 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 32 | .29 | .188 | 9 | 27 | .40 | 252 | .10 | 3 | 1.89 | .03 | .09 | 1 |
| 398 | 1 | 21 | 14 | 95 | .1 | 63 | 8 | 456 | 2.33 | 6 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 37 | .27 | .158 | 11 | 34 | .44 | 176 | .10 | 4 | 1.94 | .03 | .09 | 1 |
| 399 | 2 | 25 | 18 | 120 | .3 | 56 | 9 | 544 | 2.59 | 14 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 38 | .28 | .122 | 11 | 37 | .49 | 204 | .11 | 3 | 2.26 | .03 | .12 | 1 |
| 400 | 1 | 36 | 13 | 124 | .1 | 42 | 8 | 361 | 2.59 | 16 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 40 | .32 | .147 | 10 | 35 | .43 | 272 | .11 | 2 | 2.56 | .03 | .11 | 1 |
| 401 | 1 | 26 | 8 | 156 | .3 | 32 | 7 | 653 | 2.21 | 16 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 33 | .34 | .178 | 10 | 28 | .38 | 276 | .10 | 3 | 2.18 | .03 | .12 | 1 |
| 402 | 1 | 25 | 8 | 64 | .1 | 24 | 8 | 268 | 2.22 | 11 | 5 | ND | 4 | 16 | 1 | 2 | 2 | 40 | .25 | .074 | 11 | 34 | .44 | 110 | .09 | 2 | 1.07 | .02 | .08 | 2 |
| 403 | 1 | 23 | 12 | 101 | .3 | 42 | 6 | 510 | 2.05 | 26 | 5 | ND | 4 | 31 | 1 | 2 | 2 | 30 | .27 | .240 | 9 | 21 | .32 | 260 | .10 | 3 | 2.25 | .03 | .08 | 1 |
| 404 | 1 | 25 | 12 | 143 | .1 | 36 | 7 | 844 | 1.92 | 22 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 29 | .31 | .175 | 8 | 22 | .26 | 264 | .10 | 3 | 1.85 | .04 | .08 | 1 |
| 405 | 1 | 23 | 12 | 98 | .1 | 25 | 7 | 621 | 2.17 | 16 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 34 | .29 | .103 | 7 | 25 | .34 | 238 | .07 | 2 | 1.31 | .03 | .06 | 1 |
| 406 | 2 | 36 | 17 | 164 | .1 | 57 | 9 | 608 | 2.86 | 37 | 5 | ND | 3 | 41 | 1 | 3 | 2 | 35 | .34 | .186 | 11 | 26 | .38 | 253 | .08 | 3 | 1.68 | .03 | .11 | 1 |
| 407 | 3 | 60 | 24 | 122 | .5 | 52 | 10 | 350 | 3.46 | 41 | 5 | ND | 4 | 36 | 1 | 2 | 2 | 34 | .33 | .064 | 17 | 25 | .35 | 156 | .07 | 2 | 1.57 | .02 | .08 | 1 |
| 408 | 1 | 29 | 15 | 98 | .1 | 26 | 8 | 543 | 2.20 | 25 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 32 | .32 | .062 | 9 | 22 | .33 | 164 | .08 | 3 | 1.48 | .03 | .08 | 1 |
| STD C | 21 | 58 | 41 | 135 | 7.2 | 69 | 28 | 996 | 3.93 | 40 | 14 | 7 | 35 | 46 | 18 | 16 | 20 | 63 | .46 | .100 | 36 | 55 | .87 | 172 | .08 | 37 | 1.68 | .07 | .12 | 13 |
| 409 | 1 | 23 | 14 | 133 | .1 | 21 | 7 | 1123 | 2.18 | 21 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 33 | .30 | .207 | 8 | 21 | .34 | 302 | .09 | 3 | 1.69 | .03 | .07 | 1 |
| 410 | 1 | 22 | 7 | 92 | .1 | 33 | 8 | 345 | 2.65 | 17 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 41 | .26 | .077 | 10 | 33 | .54 | 161 | .08 | 2 | 1.50 | .02 | .10 | 1 |
| 411 | 1 | 16 | 12 | 102 | .1 | 46 | 7 | 669 | 2.13 | 11 | 5 | ND | 3 | 35 | 1 | 2 | 2 | 33 | .30 | .120 | 9 | 34 | .43 | 220 | .08 | 3 | 1.63 | .02 | .12 | 1 |
| 412 | 1 | 25 | 9 | 67 | .1 | 37 | 9 | 518 | 2.54 | 17 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 39 | .37 | .044 | 8 | 39 | .51 | 132 | .06 | 2 | 1.14 | .02 | .08 | 1 |
| 413 | 1 | 23 | 14 | 132 | .1 | 28 | 7 | 854 | 1.99 | 15 | 5 | ND | 3 | 40 | 1 | 2 | 2 | 32 | .40 | .247 | 9 | 25 | .37 | 382 | .07 | 4 | 1.34 | .03 | .11 | 1 |
| 414 | 1 | 17 | 13 | 91 | .1 | 41 | 7 | 710 | 2.08 | 8 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 33 | .30 | .141 | 9 | 29 | .37 | 231 | .08 | 3 | 1.46 | .03 | .09 | 1 |
| 415 | 1 | 18 | 14 | 106 | .2 | 45 | 8 | 533 | 2.34 | 18 | 5 | ND | 5 | 26 | 1 | 2 | 2 | 35 | .34 | .104 | 10 | 34 | .44 | 235 | .09 | 13 | 1.77 | .03 | .09 | 2 |
| 416 | 1 | 9 | 11 | 74 | .1 | 15 | 5 | 620 | 1.75 | 8 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 30 | .28 | .029 | 7 | 23 | .34 | 155 | .07 | 2 | .87 | .02 | .10 | 1 |
| 417 | 1 | 23 | 15 | 102 | .1 | 47 | 8 | 590 | 2.30 | 14 | 5 | ND | 3 | 28 | 1 | 2 | 2 | 36 | .28 | .187 | 11 | 30 | .45 | 256 | .10 | 3 | 1.91 | .03 | .11 | 1 |
| 418 | 1 | 74 | 14 | 327 | .4 | 33 | 3 | 838 | 1.09 | 6 | 5 | ND | 2 | 64 | 5 | 2 | 2 | 16 | 10.16 | .070 | 9 | 13 | .16 | 165 | .05 | 10 | 1.04 | .09 | .05 | 1 |
| 419 | 1 | 9 | 4 | 12 | .1 | 4 | 1 | 151 | .31 | 3 | 5 | ND | 1 | 269 | 1 | 2 | 2 | 4 | 32.52 | .012 | 2 | 2 | .10 | 14 | .02 | 2 | .21 | .02 | .02 | 3 |
| 420 | 1 | 1 | 4 | 9 | .1 | 1 | 1 | 162 | .19 | 2 | 5 | ND | 1 | 181 | 1 | 2 | 4 | 1 | 37.34 | .009 | 2 | 2 | .07 | 10 | .01 | 2 | .02 | .01 | .01 | 4 |
| 421 | 1 | 13 | 6 | 56 | .3 | 8 | 3 | 371 | 2.12 | 2 | 5 | ND | 3 | 121 | 1 | 2 | 2 | 16 | 20.18 | .035 | 5 | 8 | .73 | 59 | .03 | 3 | 1.04 | .06 | .07 | 1 |
| 422 | 1 | 22 | 17 | 169 | .1 | 12 | 5 | 1182 | 2.44 | 14 | 5 | ND | 2 | 21 | 2 | 2 | 2 | 41 | .72 | .050 | 14 | 19 | .78 | 145 | .05 | 3 | 2.00 | .03 | .07 | 1 |
| 423 | 1 | 2 | 3 | 8 | .2 | 1 | 1 | 103 | .27 | 2 | 5 | ND | 1 | 1020 | 1 | 2 | 3 | 2 | 37.81 | .004 | 2 | 1 | .18 | 47 | .01 | 3 | .09 | .01 | .01 | 4 |
| 424 | 1 | 27 | 20 | 119 | .1 | 24 | 7 | 793 | 2.39 | 15 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 38 | .34 | .061 | 11 | 24 | .46 | 151 | .10 | 3 | 2.15 | .03 | .06 | 1 |
| 425 | 1 | 19 | 12 | 98 | .1 | 20 | 6 | 736 | 2.01 | 19 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 34 | .32 | .105 | 8 | 22 | .33 | 152 | .11 | 2 | 1.88 | .03 | .06 | 1 |
| 426 | 1 | 20 | 13 | 115 | .1 | 23 | 6 | 906 | 2.16 | 13 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 38 | .24 | .103 | 9 | 22 | .34 | 205 | .11 | 3 | 1.85 | .03 | .06 | 1 |
| 427 | 1 | 18 | 10 | 102 | .1 | 24 | 6 | 1038 | 2.21 | 14 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 36 | .27 | .120 | 9 | 21 | .31 | 220 | .12 | 4 | 2.29 | .03 | .05 | 1 |
| 428 | 1 | 15 | 15 | 117 | .1 | 17 | 6 | 846 | 1.99 | 12 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 32 | .37 | .079 | 7 | 15 | .30 | 220 | .10 | 3 | 1.87 | .03 | .07 | 1 |
| 429 | 1 | 35 | 17 | 111 | .1 | 28 | 8 | 268 | 2.51 | 18 | 5 | ND | 5 | 17 | 1 | 2 | 2 | 40 | .25 | .062 | 11 | 27 | .43 | 134 | .11 | 3 | 2.08 | .03 | .07 | 1 |
| 430 | 2 | 19 | 13 | 151 | .1 | 18 | 6 | 903 | 2.35 | 30 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 32 | .71 | .077 | 11 | 18 | .40 | 211 | .07 | 4 | 1.78 | .03 | .05 | 1 |
| 431 | 1 | 50 | 12 | 89 | .2 | 7 | 9 | 1835 | 3.25 | 35 | 5 | ND | 4 | 98 | 1 | 3 | 2 | 41 | 5.94 | .090 | 6 | 13 | .80 | 221 | .10 | 15 | 1.36 | .05 | .06 | 2 |
| 432 | 1 | 23 | 10 | 137 | .1 | 24 | 7 | 790 | 1.91 | 17 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 32 | .57 | .177 | 6 | 24 | .31 | 311 | .09 | 5 | 1.67 | .03 | .08 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 433 | 2 | 21 | 7 | 111 | .1 | 26 | 7 | 700 | 1.89 | 13 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 34 | .31 | .100 | 6 | 27 | .34 | 180 | .09 | 4 | 1.37 | .03 | .07 | 2 |
| 434 | 1 | 21 | 14 | 130 | .1 | 32 | 7 | 682 | 2.06 | 18 | 5 | ND | 3 | 18 | 1 | 3 | 2 | 33 | .24 | .146 | 6 | 23 | .32 | 248 | .10 | 2 | 1.83 | .03 | .08 | 3 |
| 435 | 2 | 24 | 13 | 157 | .3 | 33 | 7 | 777 | 2.04 | 10 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 34 | .36 | .163 | 9 | 26 | .35 | 264 | .09 | 3 | 1.77 | .03 | .09 | 3 |
| 436 | 1 | 22 | 9 | 139 | .1 | 39 | 6 | 390 | 1.95 | 17 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 30 | .21 | .165 | 6 | 20 | .31 | 237 | .10 | 2 | 2.10 | .03 | .08 | 1 |
| 437 | 1 | 21 | 9 | 108 | .1 | 27 | 5 | 768 | 1.82 | 12 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 29 | .22 | .148 | 7 | 21 | .28 | 227 | .10 | 4 | 1.84 | .03 | .08 | 1 |
| 438 | 1 | 29 | 22 | 212 | .5 | 26 | 7 | 406 | 2.27 | 40 | 5 | ND | 4 | 36 | 1 | 3 | 2 | 29 | .36 | .057 | 12 | 18 | .30 | 221 | .14 | 2 | 2.82 | .03 | .05 | 2 |
| 439 | 2 | 24 | 14 | 120 | .1 | 20 | 6 | 942 | 1.82 | 20 | 5 | ND | 2 | 18 | 1 | 2 | 3 | 33 | .20 | .065 | 7 | 18 | .28 | 228 | .09 | 2 | 1.38 | .03 | .06 | 2 |
| 440 | 1 | 30 | 19 | 108 | .1 | 24 | 7 | 1014 | 2.25 | 20 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 37 | .28 | .071 | 9 | 22 | .35 | 225 | .10 | 2 | 1.85 | .02 | .06 | 1 |
| 441 | 1 | 31 | 20 | 125 | .3 | 24 | 9 | 1438 | 2.51 | 37 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 38 | .31 | .089 | 9 | 23 | .37 | 315 | .08 | 2 | 1.63 | .02 | .06 | 1 |
| 442 | 3 | 29 | 14 | 147 | .1 | 184 | 21 | 584 | 6.21 | 42 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 30 | .31 | .196 | 7 | 27 | .20 | 452 | .05 | 4 | .81 | .03 | .07 | 1 |
| 443 | 1 | 40 | 8 | 117 | .3 | 44 | 8 | 595 | 2.40 | 25 | 5 | ND | 4 | 28 | 1 | 2 | 2 | 36 | .32 | .050 | 15 | 26 | .39 | 154 | .12 | 2 | 2.08 | .04 | .06 | 1 |
| 444 | 1 | 27 | 11 | 97 | .1 | 30 | 8 | 746 | 2.30 | 16 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 37 | .34 | .066 | 10 | 34 | .53 | 183 | .07 | 2 | 1.09 | .02 | .11 | 1 |
| 445 | 1 | 19 | 10 | 86 | .1 | 29 | 7 | 508 | 2.30 | 15 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 39 | .29 | .040 | 10 | 29 | .47 | 184 | .08 | 3 | 1.33 | .02 | .09 | 1 |
| 446 | 1 | 33 | 10 | 84 | .1 | 27 | 7 | 499 | 2.42 | 13 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 38 | .35 | .040 | 11 | 32 | .50 | 162 | .08 | 2 | 1.29 | .02 | .16 | 1 |
| 447 | 1 | 53 | 9 | 150 | .1 | 59 | 7 | 797 | 2.19 | 19 | 5 | ND | 3 | 37 | 1 | 2 | 2 | 34 | .55 | .046 | 10 | 29 | .39 | 250 | .09 | 4 | 1.99 | .03 | .09 | 1 |
| 448 | 1 | 47 | 13 | 433 | .6 | 38 | 6 | 622 | 2.08 | 66 | 5 | ND | 4 | 34 | 1 | 2 | 2 | 27 | .54 | .025 | 15 | 21 | .31 | 154 | .11 | 5 | 2.14 | .04 | .07 | 2 |
| 449 | 1 | 25 | 8 | 73 | .1 | 17 | 7 | 247 | 2.12 | 20 | 5 | ND | 3 | 15 | 1 | 2 | 2 | 35 | .28 | .015 | 10 | 26 | .39 | 123 | .07 | 2 | .81 | .02 | .06 | 1 |
| 450 | 1 | 39 | 10 | 133 | .3 | 38 | 6 | 346 | 2.12 | 28 | 5 | ND | 4 | 35 | 1 | 2 | 2 | 30 | .42 | .039 | 15 | 19 | .29 | 179 | .14 | 3 | 2.80 | .04 | .05 | 1 |
| 451 | 1 | 38 | 12 | 294 | .1 | 34 | 9 | 634 | 2.46 | 29 | 5 | ND | 5 | 30 | 1 | 2 | 4 | 37 | .27 | .064 | 12 | 22 | .35 | 314 | .13 | 3 | 2.52 | .03 | .09 | 1 |
| 452 | 2 | 31 | 15 | 141 | .1 | 29 | 9 | 1102 | 2.62 | 23 | 5 | ND | 4 | 28 | 1 | 2 | 2 | 44 | .35 | .071 | 10 | 29 | .41 | 196 | .10 | 2 | 1.85 | .02 | .07 | 2 |
| 453 | 2 | 28 | 13 | 129 | .2 | 32 | 9 | 793 | 2.58 | 24 | 5 | ND | 4 | 26 | 1 | 2 | 2 | 43 | .30 | .081 | 11 | 28 | .42 | 333 | .10 | 3 | 1.67 | .02 | .06 | 1 |
| 454 | 2 | 26 | 12 | 112 | .2 | 23 | 8 | 1237 | 2.16 | 25 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 37 | .25 | .061 | 8 | 20 | .33 | 206 | .08 | 3 | 1.40 | .02 | .06 | 1 |
| 455 | 1 | 27 | 14 | 93 | .1 | 25 | 8 | 468 | 2.44 | 19 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 43 | .38 | .026 | 11 | 32 | .47 | 182 | .10 | 3 | 1.64 | .02 | .07 | 1 |
| 456 | 1 | 24 | 13 | 157 | .1 | 20 | 7 | 890 | 2.17 | 28 | 5 | ND | 4 | 24 | 1 | 2 | 2 | 34 | .28 | .165 | 8 | 20 | .34 | 322 | .09 | 3 | 1.62 | .03 | .09 | 1 |
| 457 | 1 | 23 | 13 | 147 | .1 | 25 | 8 | 907 | 2.36 | 24 | 5 | ND | 3 | 19 | 1 | 2 | 3 | 38 | .25 | .126 | 8 | 23 | .42 | 266 | .08 | 2 | 1.64 | .02 | .10 | 1 |
| 458 | 1 | 19 | 10 | 84 | .1 | 24 | 7 | 536 | 1.98 | 10 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 33 | .31 | .042 | 9 | 23 | .38 | 152 | .07 | 2 | 1.18 | .02 | .08 | 1 |
| 459 | 1 | 16 | 11 | 104 | .3 | 19 | 7 | 436 | 2.03 | 11 | 5 | ND | 2 | 20 | 1 | 2 | 4 | 35 | .25 | .047 | 8 | 24 | .41 | 185 | .07 | 2 | 1.27 | .02 | .08 | 1 |
| 460 | 1 | 30 | 11 | 87 | .1 | 32 | 8 | 612 | 2.57 | 17 | 5 | ND | 4 | 24 | 1 | 2 | 2 | 41 | .32 | .054 | 12 | 31 | .46 | 216 | .08 | 2 | 1.46 | .02 | .15 | 1 |
| STD C | 21 | 57 | 37 | 135 | 7.0 | 69 | 28 | 977 | 3.84 | 41 | 19 | 6 | 34 | 47 | 18 | 16 | 18 | 64 | .46 | .100 | 35 | 56 | .86 | 174 | .08 | 37 | 1.70 | .07 | .13 | 13 |
| 461 | 1 | 32 | 12 | 430 | .2 | 30 | 6 | 574 | 2.12 | 89 | 5 | ND | 5 | 32 | 1 | 2 | 2 | 31 | .49 | .056 | 11 | 19 | .30 | 153 | .12 | 6 | 2.24 | .04 | .06 | 2 |
| 462 | 1 | 30 | 12 | 279 | .1 | 24 | 7 | 1637 | 2.45 | 61 | 5 | ND | 1 | 23 | 2 | 2 | 3 | 38 | .34 | .121 | 8 | 20 | .29 | 776 | .10 | 3 | 1.73 | .03 | .07 | 1 |
| 463 | 2 | 28 | 13 | 179 | .1 | 27 | 7 | 655 | 2.17 | 39 | 5 | ND | 3 | 28 | 1 | 2 | 2 | 34 | .32 | .080 | 10 | 22 | .34 | 247 | .10 | 3 | 1.83 | .03 | .09 | 2 |
| 464 | 2 | 22 | 15 | 153 | .1 | 18 | 7 | 972 | 1.92 | 61 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 33 | .32 | .078 | 7 | 16 | .27 | 236 | .09 | 2 | 1.44 | .03 | .07 | 1 |
| 465 | 1 | 31 | 14 | 142 | .2 | 23 | 7 | 650 | 2.09 | 35 | 5 | ND | 4 | 29 | 1 | 2 | 5 | 32 | .32 | .075 | 11 | 18 | .32 | 180 | .09 | 2 | 1.79 | .03 | .07 | 1 |
| 466 | 1 | 22 | 14 | 164 | .1 | 12 | 10 | 1683 | 2.22 | 25 | 5 | ND | 1 | 20 | 1 | 2 | 3 | 41 | .27 | .076 | 5 | 14 | .28 | 176 | .07 | 2 | 1.13 | .03 | .05 | 1 |
| 467 | 2 | 33 | 13 | 154 | .2 | 23 | 9 | 1481 | 2.51 | 46 | 5 | ND | 2 | 23 | 1 | 2 | 3 | 38 | .27 | .110 | 8 | 21 | .35 | 250 | .09 | 3 | 1.82 | .02 | .07 | 1 |
| 468 | 2 | 32 | 16 | 171 | .1 | 26 | 10 | 1238 | 3.04 | 43 | 5 | ND | 3 | 25 | 1 | 2 | 3 | 44 | .38 | .102 | 9 | 29 | .48 | 251 | .07 | 2 | 1.81 | .02 | .10 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 469 | 1 | 22 | 6 | 123 | .1 | 22 | 7 | 693 | 2.15 | 14 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 33 | .30 | .160 | 9 | 20 | .32 | 238 | .10 | 3 | 1.00 | .03 | .07 | 1 |
| 470 | 1 | 82 | 19 | 154 | .8 | 53 | 11 | 920 | 3.14 | 18 | 5 | ND | 5 | 50 | 1 | 2 | 2 | 42 | .58 | .047 | 20 | 30 | .51 | 299 | .12 | 3 | 2.96 | .04 | .08 | 2 |
| 471 | 1 | 28 | 11 | 124 | .1 | 34 | 9 | 719 | 2.48 | 14 | 5 | ND | 3 | 27 | 1 | 3 | 2 | 39 | .31 | .130 | 11 | 28 | .44 | 211 | .09 | 2 | 1.77 | .02 | .07 | 1 |
| 472 | 1 | 15 | 27 | 135 | .1 | 15 | 4 | 483 | 1.63 | 10 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 31 | .26 | .040 | 5 | 19 | .31 | 169 | .06 | 2 | .81 | .03 | .07 | 1 |
| 473 | 1 | 45 | 17 | 231 | .1 | 27 | 10 | 2484 | 2.64 | 58 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 38 | .45 | .095 | 9 | 21 | .34 | 882 | .08 | 2 | 1.75 | .03 | .07 | 3 |
| 474 | 2 | 50 | 23 | 409 | .4 | 43 | 13 | 1815 | 4.18 | 181 | 5 | ND | 3 | 44 | 2 | 2 | 2 | 43 | .81 | .153 | 14 | 13 | .40 | 340 | .07 | 3 | 1.87 | .03 | .10 | 2 |
| 475 | 1 | 34 | 16 | 142 | .1 | 29 | 10 | 1136 | 2.69 | 52 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 42 | .25 | .060 | 11 | 26 | .42 | 415 | .09 | 2 | 1.87 | .02 | .04 | 1 |
| 476 | 1 | 35 | 13 | 160 | .1 | 25 | 10 | 1185 | 2.32 | 57 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 37 | .28 | .067 | 9 | 21 | .32 | 228 | .09 | 2 | 1.66 | .03 | .04 | 1 |
| 477 | 2 | 66 | 23 | 169 | .2 | 16 | 8 | 1895 | 3.19 | 307 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 35 | .32 | .062 | 8 | 16 | .26 | 423 | .09 | 2 | 1.60 | .02 | .05 | 1 |
| 478 | 1 | 33 | 20 | 185 | .1 | 21 | 9 | 1055 | 2.97 | 26 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 44 | .28 | .124 | 11 | 21 | .39 | 255 | .11 | 3 | 2.26 | .03 | .06 | 3 |
| 479 | 1 | 35 | 15 | 179 | .1 | 15 | 12 | 2135 | 2.68 | 27 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 45 | .26 | .082 | 7 | 18 | .34 | 179 | .09 | 2 | 1.46 | .02 | .04 | 1 |
| 480 | 1 | 25 | 16 | 123 | .1 | 22 | 8 | 771 | 2.22 | 21 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 35 | .24 | .099 | 9 | 22 | .36 | 214 | .09 | 2 | 1.72 | .02 | .06 | 1 |
| 481 | 1 | 25 | 19 | 159 | .1 | 25 | 8 | 701 | 2.24 | 27 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 33 | .31 | .133 | 10 | 22 | .37 | 293 | .08 | 2 | 1.60 | .02 | .09 | 1 |
| 482 | 1 | 22 | 12 | 117 | .1 | 34 | 8 | 384 | 2.40 | 14 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 38 | .27 | .130 | 10 | 33 | .45 | 201 | .08 | 3 | 1.53 | .02 | .06 | 3 |
| 483 | 1 | 32 | 8 | 136 | .1 | 32 | 8 | 567 | 2.16 | 15 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 33 | .29 | .205 | 13 | 24 | .35 | 223 | .09 | 2 | 1.85 | .02 | .06 | 2 |
| 484 | 2 | 39 | 19 | 187 | .1 | 26 | 10 | 1590 | 2.69 | 41 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 41 | .30 | .081 | 11 | 24 | .37 | 294 | .07 | 2 | 1.61 | .02 | .07 | 1 |
| 485 | 1 | 34 | 10 | 104 | .1 | 24 | 8 | 1032 | 2.21 | 34 | 5 | ND | 3 | 19 | 1 | 3 | 2 | 33 | .28 | .077 | 9 | 22 | .34 | 217 | .07 | 2 | 1.50 | .02 | .04 | 1 |
| 486 | 1 | 37 | 32 | 190 | .1 | 22 | 7 | 2975 | 1.54 | 24 | 5 | ND | 1 | 25 | 2 | 2 | 2 | 24 | .77 | .105 | 6 | 9 | .21 | 377 | .06 | 35 | .84 | .02 | .07 | 1 |
| 487 | 3 | 64 | 8 | 71 | .1 | 7 | 6 | 593 | 4.24 | 16 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 28 | .82 | .045 | 10 | 9 | .68 | 76 | .01 | 5 | 1.14 | .01 | .16 | 2 |
| 488 | 1 | 34 | 28 | 105 | .1 | 23 | 9 | 974 | 2.34 | 22 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 38 | .39 | .057 | 12 | 22 | .43 | 188 | .08 | 4 | 1.70 | .02 | .10 | 1 |
| 489 | 1 | 31 | 37 | 158 | .1 | 21 | 10 | 1300 | 2.59 | 24 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 39 | .28 | .060 | 9 | 19 | .38 | 163 | .09 | 3 | 1.62 | .02 | .08 | 1 |
| 490 | 1 | 25 | 14 | 120 | .1 | 23 | 7 | 777 | 1.94 | 20 | 5 | ND | 4 | 33 | 1 | 2 | 2 | 30 | .28 | .179 | 9 | 22 | .31 | 245 | .09 | 2 | 1.68 | .03 | .07 | 2 |
| 491 | 1 | 38 | 10 | 124 | .2 | 29 | 7 | 509 | 2.10 | 15 | 5 | ND | 5 | 41 | 1 | 2 | 2 | 29 | .54 | .048 | 13 | 20 | .34 | 144 | .12 | 3 | 2.19 | .04 | .06 | 1 |
| 492 | 1 | 24 | 12 | 110 | .1 | 39 | 9 | 447 | 2.27 | 13 | 5 | ND | 5 | 29 | 1 | 2 | 2 | 36 | .28 | .184 | 10 | 29 | .41 | 218 | .10 | 4 | 2.00 | .03 | .07 | 1 |
| 493 | 1 | 24 | 11 | 117 | .1 | 30 | 8 | 655 | 2.06 | 24 | 7 | ND | 5 | 25 | 1 | 3 | 2 | 33 | .22 | .251 | 10 | 23 | .32 | 212 | .10 | 3 | 2.00 | .03 | .08 | 3 |
| 494 | 1 | 23 | 12 | 145 | .1 | 29 | 8 | 611 | 2.34 | 17 | 5 | ND | 3 | 18 | 1 | 2 | 2 | 38 | .19 | .092 | 9 | 25 | .37 | 167 | .10 | 2 | 1.77 | .02 | .05 | 1 |
| STD C | 20 | 58 | 38 | 135 | 6.7 | 69 | 28 | 1027 | 3.94 | 38 | 16 | 7 | 34 | 47 | 18 | 15 | 20 | 64 | .46 | .103 | 35 | 57 | .87 | 170 | .08 | 36 | 1.67 | .07 | .13 | 13 |
| 495 | 1 | 27 | 11 | 278 | .1 | 20 | 7 | 1134 | 2.17 | 16 | 5 | ND | 2 | 23 | 2 | 2 | 2 | 32 | .24 | .094 | 7 | 20 | .26 | 278 | .07 | 3 | 1.24 | .03 | .06 | 1 |
| 496 | 1 | 15 | 11 | 159 | .1 | 21 | 7 | 756 | 1.99 | 13 | 5 | ND | 3 | 18 | 1 | 2 | 2 | 32 | .21 | .109 | 7 | 20 | .31 | 236 | .08 | 3 | 1.40 | .03 | .06 | 2 |
| 497 | 1 | 28 | 13 | 138 | .1 | 16 | 5 | 480 | 1.64 | 13 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 24 | .21 | .192 | 9 | 12 | .17 | 124 | .12 | 4 | 2.55 | .04 | .04 | 1 |
| 498 | 2 | 37 | 15 | 143 | .2 | 28 | 9 | 617 | 2.44 | 22 | 5 | ND | 5 | 25 | 1 | 2 | 2 | 40 | .31 | .062 | 11 | 26 | .42 | 171 | .10 | 3 | 1.92 | .03 | .07 | 2 |
| 499 | 1 | 31 | 15 | 116 | .1 | 25 | 9 | 1209 | 2.30 | 19 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 39 | .31 | .068 | 9 | 22 | .38 | 172 | .08 | 2 | 1.57 | .02 | .06 | 1 |
| 500 | 1 | 36 | 16 | 91 | .1 | 34 | 11 | 824 | 2.82 | 18 | 5 | ND | 3 | 16 | 1 | 2 | 2 | 47 | .20 | .072 | 12 | 34 | .52 | 121 | .08 | 2 | 1.80 | .02 | .08 | 1 |
| 501 | 1 | 41 | 29 | 142 | .8 | 27 | 11 | 1427 | 2.62 | 43 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 39 | .33 | .106 | 10 | 24 | .41 | 182 | .08 | 2 | 1.94 | .02 | .07 | 1 |
| 502 | 1 | 26 | 15 | 104 | .1 | 24 | 8 | 890 | 2.27 | 32 | 5 | ND | 4 | 18 | 1 | 2 | 2 | 38 | .18 | .094 | 10 | 23 | .36 | 172 | .10 | 2 | 1.66 | .02 | .05 | 2 |
| 503 | 1 | 20 | 23 | 72 | .1 | 12 | 5 | 966 | 1.38 | 16 | 5 | ND | 1 | 40 | 1 | 5 | 2 | 26 | .48 | .062 | 5 | 11 | .21 | 123 | .05 | 2 | .71 | .02 | .07 | 1 |
| 504 | 2 | 31 | 25 | 92 | .1 | 24 | 9 | 1098 | 2.17 | 28 | 5 | ND | 3 | 43 | 1 | 2 | 2 | 38 | .47 | .098 | 8 | 22 | .37 | 168 | .08 | 3 | 1.26 | .02 | .09 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 505 | 2 | 34 | 16 | 94 | .1 | 32 | 11 | 1024 | 2.55 | 26 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 44 | .30 | .098 | 11 | 25 | .43 | 130 | .09 | 2 | 1.88 | .02 | .07 | 1 |
| 506 | 1 | 61 | 23 | 110 | .2 | 27 | 14 | 1663 | 2.83 | 47 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 44 | .60 | .095 | 8 | 20 | .40 | 231 | .07 | 2 | 1.75 | .02 | .09 | 1 |
| 507 | 1 | 15 | 2 | 140 | .1 | 6 | 5 | 1371 | 1.09 | 11 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 23 | .29 | .080 | 3 | 3 | .09 | 172 | .06 | 2 | .64 | .04 | .06 | 1 |
| 508 | 1 | 28 | 12 | 129 | .1 | 29 | 8 | 680 | 2.48 | 17 | 5 | ND | 4 | 22 | 1 | 2 | 2 | 41 | .22 | .121 | 11 | 24 | .39 | 194 | .11 | 2 | 2.04 | .02 | .07 | 1 |
| 509 | 1 | 23 | 13 | 104 | .1 | 33 | 9 | 1006 | 2.39 | 20 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 42 | .22 | .078 | 9 | 29 | .41 | 177 | .09 | 2 | 1.58 | .02 | .06 | 1 |
| 510 | 3 | 74 | 33 | 109 | .2 | 55 | 14 | 2311 | 3.32 | 48 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 46 | .60 | .071 | 7 | 21 | .39 | 228 | .05 | 2 | 1.62 | .02 | .11 | 4 |
| 511 | 1 | 29 | 42 | 115 | .1 | 23 | 8 | 1118 | 2.14 | 28 | 5 | ND | 1 | 23 | 2 | 2 | 2 | 39 | .33 | .113 | 7 | 20 | .34 | 129 | .06 | 2 | 1.15 | .02 | .07 | 1 |
| 512 | 2 | 71 | 10 | 89 | .2 | 32 | 11 | 662 | 3.01 | 25 | 6 | ND | 4 | 21 | 1 | 2 | 2 | 50 | .38 | .052 | 14 | 31 | .56 | 137 | .11 | 2 | 2.01 | .03 | [illegible] | 1 |
| 513 | 1 | 16 | 12 | 89 | .1 | 15 | 5 | 526 | 1.53 | 17 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 30 | .17 | .141 | 4 | 16 | .22 | 166 | .09 | 3 | 1.19 | .03 | .06 | 1 |
| 514 | 2 | 38 | 10 | 115 | .1 | 21 | 6 | 653 | 1.95 | 14 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 35 | .25 | .089 | 7 | 25 | .37 | 181 | .09 | 3 | 1.58 | .03 | .07 | 1 |
| 515 | 1 | 35 | 10 | 121 | .1 | 16 | 5 | 879 | 1.56 | 15 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 27 | .34 | .106 | 5 | 16 | .23 | 155 | .09 | 5 | 1.47 | .03 | .10 | 1 |
| 516 | 2 | 53 | 10 | 139 | .1 | 20 | 6 | 594 | 1.75 | 20 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 29 | .35 | .079 | 6 | 16 | .25 | 138 | .11 | 6 | 1.81 | .04 | .08 | 1 |
| 517 | 2 | 62 | 7 | 110 | .1 | 25 | 6 | 306 | 1.71 | 19 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 29 | .46 | .033 | 7 | 17 | .25 | 79 | .10 | 5 | 1.71 | .04 | .05 | 1 |
| 518 | 1 | 17 | 5 | 67 | .1 | 19 | 5 | 371 | 1.70 | 15 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 30 | .27 | .086 | 4 | 16 | .21 | 111 | .11 | 6 | 1.95 | .03 | .05 | 1 |
| 519 | 2 | 24 | 5 | 49 | .1 | 21 | 7 | 219 | 1.79 | 17 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 34 | .28 | .041 | 5 | 24 | .26 | 80 | .09 | 4 | 1.35 | .03 | .05 | 2 |
| 520 | 1 | 108 | 6 | 43 | .3 | 22 | 5 | 517 | 1.45 | 8 | 5 | ND | 2 | 47 | 1 | 2 | 2 | 22 | 1.12 | .028 | 15 | 17 | .22 | 94 | .07 | 10 | 1.06 | .04 | .06 | 1 |
| 521 | 1 | 33 | 6 | 27 | .5 | 17 | 4 | 118 | 1.13 | 3 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 23 | .77 | .017 | 5 | 13 | .14 | 56 | .07 | 10 | .88 | .04 | .04 | 1 |
| 522 | 1 | 16 | 8 | 84 | .1 | 16 | 4 | 311 | 1.56 | 17 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 26 | .19 | .310 | 3 | 13 | .15 | 144 | .12 | 6 | 1.91 | .03 | .07 | 1 |
| 523 | 2 | 15 | 7 | 66 | .1 | 22 | 5 | 310 | 1.72 | 31 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 28 | .20 | .235 | 3 | 12 | .17 | 104 | .13 | 7 | 2.49 | .03 | .06 | 1 |
| 524 | 2 | 19 | 8 | 62 | .1 | 27 | 6 | 437 | 1.88 | 12 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 28 | .32 | .219 | 5 | 15 | .22 | 146 | .13 | 7 | 2.63 | .04 | .07 | 1 |
| 540 | 2 | 65 | 6 | 251 | .1 | 14 | 4 | 483 | 1.44 | 4 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 25 | .65 | .105 | 5 | 12 | .23 | 147 | .08 | 6 | 1.18 | .03 | .06 | 1 |
| 540A | 2 | 85 | 6 | 192 | .2 | 21 | 6 | 701 | 1.84 | 12 | 6 | ND | 3 | 21 | 1 | 2 | 2 | 32 | .44 | .096 | 9 | 19 | .39 | 154 | .08 | 5 | 1.52 | .03 | .10 | 1 |
| 541 | 2 | 88 | 7 | 138 | .1 | 32 | 10 | 317 | 2.60 | 32 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 44 | .35 | .071 | 12 | 28 | .43 | 143 | .14 | 3 | 2.79 | .03 | .10 | 1 |
| 541A | 1 | 51 | 10 | 144 | .1 | 21 | 6 | 416 | 1.74 | 19 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 35 | .33 | .041 | 6 | 20 | .28 | 106 | .09 | 4 | 1.27 | .03 | .06 | 1 |
| 542 | 1 | 28 | 11 | 75 | .1 | 25 | 7 | 386 | 2.05 | 24 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 35 | .27 | .074 | 6 | 18 | .27 | 148 | .13 | 4 | 2.28 | .03 | .07 | 1 |
| 542A | 1 | 52 | 5 | 121 | .2 | 25 | 4 | 432 | 1.28 | 5 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 24 | .48 | .023 | 8 | 12 | .16 | 90 | .08 | 6 | 1.23 | .04 | .05 | 1 |
| 543 | 2 | 28 | 9 | 143 | .1 | 23 | 7 | 302 | 2.10 | 13 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 34 | .27 | .080 | 10 | 21 | .29 | 151 | .14 | 7 | 2.56 | .04 | .07 | 1 |
| 543A | 1 | 39 | 8 | 88 | .1 | 29 | 7 | 399 | 1.98 | 15 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 33 | .43 | .031 | 10 | 23 | .29 | 121 | .12 | 6 | 2.15 | .04 | .06 | 1 |
| 544 | 2 | 66 | 7 | 65 | .1 | 35 | 11 | 306 | 2.96 | 16 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 61 | .42 | .026 | 8 | 46 | .73 | 99 | .11 | 3 | 1.48 | .03 | .09 | 1 |
| 544A | 1 | 32 | 11 | 91 | .1 | 22 | 6 | 364 | 1.87 | 12 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 32 | .42 | .025 | 9 | 21 | .26 | 107 | .11 | 7 | 1.90 | .04 | .06 | 1 |
| 545 | 1 | 39 | 13 | 117 | .1 | 21 | 6 | 472 | 2.13 | 19 | 5 | ND | 5 | 23 | 1 | 2 | 2 | 36 | .42 | .128 | 8 | 21 | .35 | 135 | .13 | 4 | 2.59 | .04 | .06 | 1 |
| 545A | 1 | 39 | 7 | 135 | .1 | 27 | 7 | 407 | 1.99 | 12 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 33 | .49 | .066 | 11 | 23 | .31 | 117 | .12 | 5 | 2.24 | .04 | .06 | 1 |
| 546 | 2 | 117 | 5 | 71 | .8 | 33 | 5 | 711 | 1.45 | 9 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 23 | .69 | .022 | 11 | 17 | .21 | 113 | .08 | 6 | 1.41 | .05 | .06 | 1 |
| 546A | 2 | 90 | 17 | 217 | .4 | 31 | 7 | 507 | 2.56 | 14 | 5 | ND | 5 | 29 | 1 | 2 | 2 | 40 | .53 | .031 | 13 | 27 | .41 | 176 | .13 | 4 | 2.64 | .04 | .07 | 1 |
| 547 | 1 | 61 | 10 | 135 | .3 | 22 | 6 | 525 | 1.90 | 2 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 28 | .61 | .015 | 9 | 20 | .27 | 138 | .11 | 7 | 1.85 | .04 | .06 | 1 |
| 547A | 2 | 56 | 12 | 191 | .1 | 23 | 7 | 706 | 1.96 | 14 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 35 | .34 | .109 | 5 | 24 | .30 | 173 | .11 | 4 | 1.80 | .03 | .05 | 1 |
| STD C | 21 | 59 | 40 | 139 | 7.0 | 72 | 29 | 1035 | 3.97 | 41 | 17 | 7 | 35 | 49 | 18 | 16 | 21 | 65 | .48 | .102 | 37 | 58 | .92 | 184 | .09 | 34 | 1.74 | .07 | .14 | 12 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 548 | 1 | 72 | 16 | 131 | .1 | 24 | 7 | 632 | 2.08 | 8 | 5 | ND | 3 | 34 | 1 | 2 | 3 | 31 | .69 | .019 | 10 | 24 | .31 | 178 | .12 | 7 | 2.17 | .04 | .05 | 1 |
| 548A | 2 | 121 | 11 | 98 | .1 | 54 | 13 | 430 | 2.98 | 24 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 51 | .50 | .016 | 10 | 56 | .71 | 142 | .12 | 3 | 2.12 | .03 | .08 | 1 |
| 549 | 1 | 66 | 11 | 127 | .1 | 28 | 7 | 413 | 2.13 | 21 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 33 | .56 | .037 | 8 | 23 | .29 | 152 | .14 | 8 | 2.55 | .04 | .05 | 1 |
| 549A | 2 | 38 | 10 | 179 | .1 | 24 | 6 | 639 | 1.87 | 13 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 28 | .34 | .137 | 5 | 19 | .27 | 214 | .12 | 4 | 2.18 | .03 | .06 | 1 |
| 550 | 2 | 29 | 7 | 93 | .2 | 21 | 6 | 386 | 1.80 | 17 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 33 | .34 | .137 | 5 | 17 | .26 | 118 | .11 | 3 | 1.89 | .03 | .05 | 1 |
| 550A | 2 | 12 | 9 | 94 | .2 | 18 | 5 | 360 | 1.71 | 13 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 26 | .36 | .393 | 5 | 16 | .18 | 375 | .11 | 2 | 1.78 | .03 | .07 | 1 |
| 551 | 1 | 25 | 7 | 179 | .1 | 22 | 7 | 403 | 1.81 | 17 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 31 | .37 | .180 | 4 | 18 | .24 | 137 | .11 | 5 | 1.76 | .03 | .04 | 1 |
| 551A | 1 | 11 | 8 | 69 | .1 | 9 | 3 | 288 | 1.09 | 7 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 22 | .19 | .158 | 2 | 7 | .09 | 100 | .09 | 4 | 1.31 | .03 | .04 | 1 |
| 552 | 1 | 20 | 11 | 89 | .1 | 34 | 7 | 478 | 1.96 | 16 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 33 | .24 | .150 | 7 | 23 | .28 | 158 | .13 | 3 | 2.34 | .03 | .05 | 1 |
| 552A | 1 | 35 | 9 | 62 | .1 | 27 | 6 | 370 | 1.71 | 6 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 28 | .46 | .023 | 7 | 19 | .21 | 111 | .11 | 5 | 1.86 | .04 | .03 | 1 |
| 553 | 1 | 44 | 17 | 92 | .1 | 38 | 9 | 394 | 2.33 | 16 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 43 | .26 | .057 | 8 | 33 | .47 | 118 | .10 | 2 | 1.43 | .02 | .05 | 1 |
| 553A | 1 | 25 | 11 | 82 | .1 | 18 | 5 | 269 | 1.57 | 13 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 25 | .25 | .185 | 6 | 15 | .19 | 113 | .11 | 4 | 1.85 | .04 | .04 | 1 |
| 554 | 1 | 31 | 15 | 89 | .4 | 49 | 8 | 365 | 2.19 | 16 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 36 | .21 | .119 | 7 | 26 | .35 | 190 | .14 | 4 | 2.60 | .03 | .08 | 1 |
| 554A | 2 | 28 | 11 | 56 | .1 | 15 | 5 | 307 | 1.39 | 11 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 27 | .42 | .027 | 4 | 15 | .18 | 95 | .10 | 5 | 1.36 | .04 | .02 | 1 |
| 568 | 1 | 32 | 7 | 111 | .1 | 11 | 3 | 549 | .95 | 8 | 5 | ND | 2 | 68 | 1 | 2 | 2 | 16 | 13.86 | .078 | 5 | 10 | .14 | 135 | .04 | 9 | .73 | .09 | .04 | 1 |
| 568A | 1 | 68 | 11 | 183 | .1 | 19 | 5 | 818 | 1.78 | 28 | 5 | ND | 3 | 27 | 1 | 2 | 3 | 26 | .67 | .254 | 8 | 13 | .25 | 161 | .11 | 6 | 2.40 | .04 | .06 | 1 |
| 569 | 1 | 27 | 23 | 149 | .2 | 22 | 6 | 940 | 1.99 | 15 | 5 | ND | 2 | 25 | 1 | 3 | 2 | 35 | .54 | .067 | 11 | 20 | .34 | 196 | .09 | 2 | 1.64 | .04 | .09 | 1 |
| 569A | 2 | 73 | 22 | 98 | .1 | 27 | 7 | 633 | 2.01 | 14 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 36 | .62 | .067 | 9 | 24 | .35 | 130 | .11 | 4 | 1.77 | .03 | .05 | 1 |
| 570 | 1 | 18 | 11 | 126 | .3 | 9 | 2 | 956 | .92 | 21 | 5 | ND | 2 | 94 | 1 | 2 | 2 | 14 | 16.96 | .099 | 6 | 5 | .17 | 100 | .02 | 3 | .62 | .06 | .04 | 1 |
| 570A | 1 | 17 | 9 | 138 | .2 | 14 | 4 | 621 | 1.25 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 27 | 2.11 | .060 | 4 | 13 | .21 | 111 | .07 | 2 | .91 | .03 | .04 | 1 |
| 571 | 3 | 29 | 9 | 131 | .1 | 18 | 5 | 1013 | 1.81 | 17 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 33 | .47 | .034 | 7 | 20 | .31 | 161 | .08 | 2 | 1.56 | .03 | .08 | 1 |
| 571A | 1 | 1 | 2 | 26 | .1 | 1 | 1 | 205 | .42 | 3 | 5 | ND | 1 | 325 | 1 | 2 | 5 | 4 | 36.60 | .014 | 2 | 4 | .22 | 18 | .01 | 2 | .20 | .01 | .01 | 5 |
| STD C | 21 | 61 | 39 | 138 | 6.9 | 69 | 28 | 1010 | 3.95 | 37 | 16 | 8 | 36 | 48 | 18 | 15 | 20 | 65 | .43 | .104 | 38 | 59 | .87 | 182 | .09 | 35 | 1.74 | .07 | .13 | 15 |
| 572 | 1 | 3 | 3 | 20 | .3 | 3 | 1 | 154 | .47 | 4 | 7 | ND | 1 | 340 | 1 | 2 | 5 | 6 | 36.32 | .011 | 2 | 4 | .22 | 17 | .01 | 2 | .25 | .01 | .01 | 4 |
| 572A | 2 | 43 | 18 | 143 | .1 | 17 | 6 | 1046 | 2.12 | 11 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 33 | .60 | .026 | 11 | 22 | .32 | 184 | .10 | 4 | 1.85 | .03 | .09 | 1 |
| 573 | 1 | 31 | 21 | 188 | .1 | 23 | 7 | 1192 | 2.50 | 29 | 5 | ND | 3 | 32 | 2 | 2 | 2 | 38 | .84 | .075 | 14 | 22 | .56 | 246 | .07 | 4 | 1.88 | .03 | .12 | 1 |
| 573A | 1 | 24 | 5 | 167 | .1 | 16 | 5 | 843 | 1.65 | 11 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 30 | .40 | .057 | 5 | 16 | .25 | 246 | .09 | 3 | 1.51 | .03 | .09 | 1 |
| 574 | 2 | 59 | 24 | 208 | .1 | 32 | 9 | 931 | 2.95 | 31 | 5 | ND | 4 | 53 | 1 | 2 | 2 | 46 | .71 | .079 | 17 | 27 | .61 | 217 | .12 | 6 | 2.62 | .04 | .16 | 1 |
| 574A | 2 | 58 | 5 | 77 | .2 | 11 | 2 | 461 | .82 | 5 | 5 | ND | 1 | 48 | 1 | 2 | 2 | 19 | 2.50 | .053 | 5 | 8 | .11 | 95 | .05 | 12 | .62 | .06 | .05 | 1 |
| 575 | 2 | 39 | 23 | 225 | .5 | 19 | 6 | 983 | 2.43 | 29 | 5 | ND | 2 | 25 | 1 | 2 | 4 | 34 | .74 | .067 | 11 | 17 | .48 | 166 | .07 | 3 | 1.80 | .03 | .14 | 2 |
| 575A | 2 | 23 | 8 | 103 | .3 | 19 | 6 | 334 | 1.89 | 9 | 5 | ND | 2 | 24 | 1 | 2 | 3 | 33 | .39 | .039 | 8 | 22 | .29 | 173 | .12 | 5 | 2.11 | .04 | .05 | 1 |
| 576 | 1 | 25 | 35 | 92 | .1 | 21 | 6 | 958 | 2.13 | 15 | 5 | ND | 3 | 36 | 1 | 2 | 2 | 38 | .46 | .048 | 11 | 21 | .35 | 164 | .11 | 3 | 2.14 | .03 | .07 | 1 |
| 576A | 2 | 25 | 12 | 91 | .4 | 42 | 7 | 383 | 2.08 | 17 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 36 | .31 | .139 | 7 | 23 | .34 | 173 | .13 | 2 | 2.25 | .04 | .07 | 1 |
| 577 | 2 | 32 | 27 | 96 | .1 | 26 | 8 | 1118 | 2.46 | 16 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 42 | .53 | .051 | 13 | 26 | .44 | 207 | .10 | 2 | 2.03 | .03 | .11 | 1 |
| 577A | 2 | 25 | 8 | 142 | .1 | 31 | 9 | 783 | 2.46 | 15 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 40 | .52 | .208 | 8 | 32 | .46 | 225 | .11 | 2 | 2.02 | .03 | .08 | 2 |
| 578 | 1 | 29 | 17 | 84 | .2 | 21 | 6 | 651 | 1.88 | 12 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 35 | .31 | .117 | 7 | 22 | .31 | 213 | .10 | 2 | 1.55 | .03 | .07 | 1 |
| 578A | 3 | 26 | 11 | 116 | .1 | 20 | 6 | 592 | 1.84 | 12 | 5 | ND | 3 | 18 | 1 | 3 | 2 | 31 | .26 | .227 | 5 | 13 | .23 | 151 | .14 | 2 | 2.65 | .03 | .06 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 579 | 1 | 34 | 12 | 134 | .1 | 26 | 8 | 672 | 2.23 | 20 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 39 | .28 | .102 | 8 | 26 | .38 | 185 | .11 | 2 | 1.97 | .03 | .08 | 1 |
| 580 | 4 | 114 | 9 | 55 | .3 | 41 | 10 | 393 | 3.07 | 28 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 63 | .70 | .053 | 16 | 56 | .88 | 116 | .10 | 2 | 1.47 | .03 | .11 | 1 |
| 581 | 2 | 44 | 30 | 148 | .1 | 23 | 7 | 981 | 2.09 | 15 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 38 | .85 | .093 | 9 | 28 | .52 | 201 | .08 | 6 | 1.49 | .02 | .12 | 1 |
| 582 | 1 | 24 | 8 | 136 | .1 | 16 | 6 | 1416 | 1.93 | 18 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 34 | .64 | .093 | 9 | 17 | .32 | 171 | .10 | 4 | 1.68 | .03 | .06 | 1 |
| 583 | 2 | 25 | 34 | 171 | .1 | 13 | 4 | 1279 | 1.51 | 30 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 29 | .47 | .071 | 7 | 16 | .26 | 174 | .08 | 2 | 1.33 | .03 | .08 | 1 |
| 584 | 2 | 24 | 12 | 124 | .2 | 24 | 7 | 859 | 1.84 | 18 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 34 | .38 | .062 | 6 | 21 | .33 | 209 | .09 | 4 | 1.39 | .03 | .08 | 1 |
| 585 | 1 | 20 | 5 | 105 | .1 | 19 | 5 | 395 | 1.49 | 19 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 26 | .51 | .047 | 7 | 18 | .20 | 104 | .10 | 6 | 1.55 | .04 | .05 | 1 |
| 586 | 1 | 25 | 4 | 90 | .1 | 34 | 7 | 720 | 1.83 | 15 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 34 | .34 | .141 | 6 | 25 | .34 | 185 | .11 | 5 | 1.75 | .03 | .08 | 1 |
| 587 | 2 | 15 | 7 | 85 | .1 | 12 | 4 | 447 | 1.36 | 16 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 26 | .24 | .103 | 3 | 12 | .16 | 132 | .08 | 2 | .95 | .03 | .06 | 1 |
| 588 | 2 | 30 | 8 | 132 | .1 | 21 | 6 | 646 | 1.99 | 23 | 5 | ND | 2 | 22 | 1 | 4 | 4 | 31 | .27 | .132 | 6 | 17 | .21 | 214 | .12 | 4 | 2.15 | .04 | .07 | 1 |
| 589 | 2 | 209 | 9 | 117 | .2 | 31 | 7 | 404 | 2.11 | 9 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 28 | .52 | .017 | 12 | 25 | .30 | 156 | .10 | 5 | 2.10 | .04 | .06 | 1 |
| 590 | 2 | 45 | 15 | 104 | .1 | 19 | 6 | 1004 | 1.88 | 22 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 33 | .33 | .170 | 10 | 19 | .30 | 205 | .12 | 2 | 2.36 | .04 | .08 | 1 |
| 591 | 2 | 104 | 12 | 55 | .4 | 39 | 13 | 352 | 3.04 | 32 | 5 | ND | 4 | 25 | 1 | 2 | 2 | 66 | .52 | .043 | 24 | 58 | .82 | 103 | .11 | 2 | 1.48 | .02 | .09 | 1 |
| 592 | 2 | 43 | 18 | 399 | .1 | 14 | 6 | 2608 | 1.80 | 12 | 5 | ND | 2 | 34 | 2 | 2 | 2 | 30 | .86 | .078 | 11 | 15 | .31 | 270 | .08 | 2 | 1.55 | .03 | .05 | 1 |
| 593 | 2 | 46 | 17 | 255 | .2 | 19 | 7 | 2185 | 2.39 | 12 | 5 | ND | 4 | 28 | 1 | 2 | 2 | 35 | .96 | .127 | 18 | 22 | .41 | 233 | .10 | 5 | 2.28 | .03 | .06 | 1 |
| 594 | 2 | 27 | 13 | 199 | .1 | 17 | 6 | 1242 | 1.74 | 13 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 33 | .52 | .067 | 6 | 22 | .30 | 195 | .09 | 3 | 1.39 | .03 | .06 | 1 |
| 595 | 3 | 22 | 14 | 147 | .1 | 24 | 7 | 794 | 1.85 | 15 | 5 | ND | 2 | 22 | 1 | 3 | 2 | 31 | .29 | .148 | 6 | 23 | .31 | 230 | .10 | 4 | 1.68 | .03 | .08 | 1 |
| 596 | 3 | 18 | 17 | 81 | .1 | 22 | 6 | 662 | 1.70 | 20 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 29 | .28 | .145 | 5 | 16 | .21 | 150 | .12 | 2 | 1.82 | .03 | .08 | 1 |
| 597 | 2 | 34 | 12 | 70 | .1 | 20 | 5 | 552 | 1.64 | 23 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 29 | .54 | .035 | 7 | 18 | .24 | 105 | .09 | 6 | 1.48 | .03 | .05 | 1 |
| 598 | 1 | 28 | 10 | 149 | .1 | 26 | 7 | 644 | 2.10 | 21 | 5 | ND | 3 | 18 | 1 | 2 | 3 | 36 | .31 | .141 | 5 | 27 | .33 | 149 | .10 | 2 | 1.89 | .03 | .07 | 1 |
| 599 | 2 | 35 | 10 | 100 | .1 | 31 | 7 | 933 | 1.94 | 18 | 5 | ND | 3 | 30 | 1 | 2 | 3 | 32 | .33 | .094 | 5 | 19 | .24 | 231 | .13 | 4 | 2.37 | .03 | .08 | 1 |
| 600 | 3 | 74 | 15 | 125 | .1 | 40 | 11 | 665 | 2.64 | 24 | 5 | ND | 4 | 30 | 1 | 2 | 2 | 45 | .51 | .076 | 12 | 35 | .50 | 267 | .11 | 3 | 2.18 | .03 | .10 | 1 |
| 601 | 1 | 21 | 7 | 69 | .1 | 8 | 3 | 737 | 1.25 | 17 | 5 | ND | 2 | 18 | 1 | 2 | 3 | 25 | .47 | .025 | 5 | 10 | .17 | 81 | .07 | 6 | .99 | .04 | .06 | 1 |
| 602 | 3 | 35 | 10 | 99 | .2 | 24 | 7 | 463 | 2.10 | 30 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 38 | .41 | .029 | 7 | 26 | .35 | 124 | .11 | 4 | 1.88 | .03 | .06 | 1 |
| 603 | 2 | 36 | 10 | 153 | .1 | 19 | 6 | 2066 | 1.89 | 23 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 33 | .46 | .269 | 8 | 17 | .31 | 239 | .10 | 3 | 1.94 | .03 | .07 | 1 |
| 604 | 2 | 19 | 6 | 176 | .1 | 9 | 4 | 2311 | 1.57 | 11 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 29 | .40 | .129 | 6 | 12 | .19 | 148 | .09 | 2 | 1.44 | .04 | .04 | 1 |
| 605 | 2 | 35 | 6 | 164 | .1 | 12 | 5 | 1360 | 1.74 | 12 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 26 | 1.33 | .067 | 9 | 15 | .29 | 213 | .09 | 14 | 1.77 | .03 | .04 | 1 |
| 606 | 1 | 27 | 11 | 112 | .1 | 28 | 7 | 494 | 1.91 | 17 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 30 | .31 | .381 | 5 | 19 | .26 | 253 | .11 | 2 | 2.10 | .03 | .08 | 2 |
| 607 | 2 | 14 | 10 | 104 | .1 | 21 | 6 | 659 | 1.67 | 20 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 28 | .34 | .203 | 5 | 15 | .22 | 190 | .11 | 4 | 1.81 | .03 | .06 | 1 |
| STD C | 20 | 56 | 38 | 142 | 6.9 | 69 | 28 | 1004 | 3.78 | 41 | 16 | 7 | 34 | 46 | 17 | 15 | 18 | 62 | .45 | .099 | 35 | 61 | .83 | 166 | .08 | 37 | 1.62 | .06 | .12 | 12 |
| 608 | 2 | 37 | 14 | 267 | .1 | 14 | 6 | 876 | 1.92 | 7 | 5 | ND | 3 | 19 | 2 | 3 | 2 | 28 | .38 | .057 | 7 | 15 | .21 | 146 | .11 | 4 | 1.95 | .03 | .06 | 2 |
| 609 | 2 | 45 | 11 | 106 | .1 | 19 | 6 | 460 | 2.16 | 8 | 5 | ND | 6 | 25 | 1 | 2 | 2 | 35 | .43 | .099 | 13 | 17 | .28 | 179 | .16 | 4 | 3.12 | .04 | .06 | 1 |
| 610 | 1 | 30 | 8 | 111 | .2 | 24 | 8 | 191 | 2.02 | 14 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 38 | .37 | .048 | 6 | 26 | .34 | 86 | .10 | 4 | 1.55 | .03 | .04 | 1 |
| 611 | 1 | 14 | 5 | 94 | .1 | 28 | 7 | 972 | 1.62 | 11 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 31 | .36 | .142 | 5 | 24 | .30 | 214 | .08 | 4 | 1.10 | .03 | .07 | 1 |
| 612 | 1 | 13 | 5 | 93 | .1 | 11 | 5 | 695 | 1.23 | 10 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 25 | .31 | .129 | 4 | 11 | .18 | 200 | .08 | 2 | 1.02 | .03 | .05 | 1 |
| 613 | 2 | 132 | 11 | 92 | .5 | 54 | 10 | 484 | 2.87 | 28 | 5 | ND | 4 | 39 | 1 | 2 | 2 | 49 | 1.18 | .033 | 15 | 49 | .63 | 182 | .10 | 11 | 2.06 | .03 | .08 | 1 |
| 629 | 1 | 10 | 10 | 94 | .1 | 16 | 6 | 711 | 1.55 | 9 | 5 | ND | 2 | 16 | 1 | 3 | 2 | 27 | .14 | .205 | 4 | 18 | .17 | 198 | .10 | 2 | .89 | .03 | .06 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 630 | 1 | 14 | 4 | 66 | .2 | 28 | 7 | 503 | 1.65 | 7 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 32 | .30 | .117 | 5 | 18 | .24 | 162 | .12 | 2 | 1.71 | .03 | .05 | 1 |
| 631 | 1 | 23 | 13 | 97 | .4 | 33 | 8 | 369 | 1.81 | 8 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 34 | .21 | .210 | 4 | 18 | .24 | 123 | .13 | 2 | 2.10 | .03 | .06 | 1 |
| 632 | 1 | 80 | 9 | 99 | .2 | 36 | 7 | 649 | 2.06 | 10 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 37 | .49 | .037 | 10 | 30 | .34 | 135 | .11 | 6 | 1.87 | .04 | .07 | 1 |
| 633 | 1 | 63 | 7 | 127 | .1 | 24 | 6 | 947 | 2.11 | 14 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 37 | .48 | .052 | 8 | 22 | .29 | 118 | .10 | 7 | 1.38 | .04 | .07 | 1 |
| 634 | 1 | 24 | 4 | 48 | .2 | 23 | 6 | 348 | 1.57 | 8 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 34 | .29 | .052 | 5 | 23 | .33 | 121 | .08 | 2 | 1.01 | .02 | .05 | 1 |
| 635 | 1 | 19 | 4 | 68 | .2 | 29 | 7 | 580 | 1.68 | 9 | 5 | ND | 2 | 26 | 1 | 3 | 2 | 33 | .26 | .094 | 6 | 22 | .29 | 218 | .10 | 2 | 1.48 | .03 | .07 | 1 |
| 636 | 1 | 13 | 7 | 59 | .1 | 10 | 4 | 753 | 1.07 | 4 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 24 | .26 | .109 | 3 | 12 | .16 | 170 | .06 | 10 | .79 | .03 | .07 | 1 |
| 637 | 2 | 14 | 7 | 64 | .2 | 23 | 6 | 543 | 1.55 | 11 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 32 | .28 | .107 | 5 | 16 | .22 | 131 | .11 | 5 | 1.54 | .03 | .06 | 1 |
| 638 | 1 | 119 | 4 | 138 | .4 | 33 | 5 | 864 | 1.40 | 5 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 26 | .69 | .030 | 16 | 17 | .19 | 128 | .08 | 9 | 1.07 | .04 | .05 | 1 |
| 639 | 1 | 67 | 10 | 180 | .2 | 31 | 8 | 471 | 2.10 | 14 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 39 | .49 | .031 | 10 | 28 | .38 | 116 | .11 | 8 | 1.55 | .03 | .05 | 1 |
| 640 | 2 | 51 | 9 | 146 | .3 | 31 | 8 | 387 | 2.36 | 26 | 5 | ND | 5 | 21 | 1 | 2 | 2 | 43 | .30 | .105 | 7 | 29 | .37 | 161 | .14 | 6 | 2.54 | .03 | .06 | 1 |
| 641 | 2 | 181 | 8 | 87 | .9 | 70 | 16 | 813 | 3.38 | 22 | 5 | ND | 4 | 38 | 1 | 2 | 2 | 72 | .86 | .059 | 15 | 87 | 1.20 | 167 | .10 | 3 | 2.15 | .03 | .15 | 1 |
| 642 | 1 | 81 | 4 | 53 | .3 | 47 | 15 | 594 | 2.65 | 23 | 6 | ND | 3 | 23 | 1 | 2 | 2 | 58 | .43 | .065 | 11 | 61 | .83 | 110 | .08 | 2 | 1.18 | .03 | .10 | 1 |
| 643 | 1 | 25 | 8 | 104 | .1 | 33 | 7 | 711 | 1.91 | 14 | 5 | ND | 3 | 29 | 1 | 3 | 3 | 35 | .26 | .262 | 5 | 17 | .24 | 158 | .15 | 12 | 2.75 | .04 | .07 | 1 |
| 644 | 1 | 8 | 2 | 60 | .3 | 10 | 3 | 373 | .94 | 6 | 5 | ND | 1 | 15 | 1 | 3 | 2 | 21 | .11 | .169 | 2 | 6 | .07 | 104 | .09 | 2 | .97 | .03 | .04 | 1 |
| 645 | 1 | 12 | 6 | 70 | .2 | 19 | 5 | 309 | 1.35 | 7 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 24 | .14 | .208 | 4 | 12 | .11 | 154 | .12 | 2 | 1.78 | .03 | .05 | 1 |
| 646 | 1 | 10 | 5 | 54 | .1 | 12 | 5 | 708 | 1.03 | 6 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 24 | .18 | .128 | 4 | 11 | .17 | 283 | .07 | 2 | .70 | .03 | .07 | 1 |
| 647 | 1 | 13 | 19 | 76 | .3 | 15 | 5 | 676 | 1.16 | 9 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 23 | .23 | .180 | 3 | 12 | .14 | 202 | .08 | 4 | 1.00 | .03 | .08 | 1 |
| 648 | 1 | 22 | 28 | 88 | .2 | 18 | 6 | 604 | 1.43 | 9 | 5 | ND | 2 | 22 | 1 | 3 | 2 | 31 | .23 | .108 | 5 | 18 | .26 | 243 | .08 | 3 | .79 | .03 | .06 | 1 |
| 649 | 1 | 42 | 8 | 70 | .3 | 67 | 12 | 555 | 2.19 | 19 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 45 | .27 | .084 | 8 | 47 | .54 | 160 | .10 | 3 | 1.63 | .03 | .08 | 1 |
| 650 | 4 | 121 | 9 | 57 | .8 | 30 | 5 | 562 | 1.25 | 11 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 26 | 1.32 | .073 | 8 | 28 | .26 | 138 | .04 | 13 | 1.09 | .03 | .05 | 1 |
| 651 | 2 | 29 | 8 | 88 | .1 | 19 | 6 | 403 | 1.70 | 13 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 34 | .40 | .167 | 5 | 16 | .19 | 113 | .12 | 3 | 2.20 | .04 | .04 | 1 |
| 652 | 1 | 30 | 9 | 65 | .4 | 36 | 10 | 416 | 2.13 | 15 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 45 | .23 | .085 | 6 | 34 | .49 | 122 | .11 | 2 | 1.81 | .03 | .05 | 1 |
| 653 | 1 | 30 | 11 | 65 | .2 | 29 | 9 | 438 | 1.88 | 13 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 38 | .31 | .140 | 6 | 31 | .37 | 159 | .09 | 4 | 1.40 | .03 | .07 | 1 |
| 654 | 1 | 17 | 5 | 73 | .4 | 29 | 6 | 213 | 1.77 | 9 | 5 | ND | 3 | 20 | 1 | 4 | 2 | 31 | .22 | .199 | 5 | 12 | .20 | 111 | .14 | 5 | 2.68 | .03 | .05 | 1 |
| 655 | 2 | 19 | 23 | 83 | .2 | 23 | 6 | 282 | 1.78 | 14 | 5 | ND | 2 | 14 | 1 | 4 | 2 | 32 | .17 | .139 | 4 | 12 | .16 | 127 | .14 | 5 | 2.35 | .04 | .06 | 1 |
| 656 | 1 | 27 | 3 | 97 | .2 | 26 | 8 | 295 | 1.89 | 16 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 37 | .31 | .141 | 6 | 25 | .27 | 155 | .10 | 3 | 1.59 | .02 | .07 | 1 |
| 659 | 4 | 115 | 12 | 134 | .4 | 97 | 8 | 467 | 1.80 | 20 | 5 | ND | 3 | 29 | 1 | 2 | 2 | 31 | .25 | .049 | 9 | 17 | .24 | 118 | .14 | 4 | 2.21 | .04 | .07 | 1 |
| 660 | 3 | 33 | 9 | 75 | .2 | 118 | 12 | 487 | 2.24 | 22 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 43 | .22 | .038 | 4 | 82 | .73 | 171 | .07 | 3 | 1.23 | .03 | .07 | 1 |
| STD C | 22 | 60 | 41 | 134 | 7.1 | 72 | 29 | 1061 | 3.77 | 38 | 19 | 7 | 36 | 49 | 19 | 14 | 23 | 66 | .45 | .105 | 37 | 60 | .84 | 175 | .08 | 36 | 1.63 | .07 | .14 | 14 |
| 661 | 2 | 30 | 9 | 93 | .1 | 49 | 10 | 817 | 2.16 | 19 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 43 | .22 | .161 | 6 | 37 | .50 | 253 | .09 | 4 | 1.71 | .03 | .07 | 1 |
| 662 | 1 | 42 | 5 | 63 | .3 | 47 | 10 | 666 | 2.11 | 14 | 5 | ND | 4 | 27 | 1 | 3 | 2 | 41 | .30 | .091 | 9 | 31 | .42 | 226 | .10 | 4 | 1.86 | .03 | .07 | 1 |
| 663 | 1 | 41 | 7 | 104 | .2 | 41 | 11 | 352 | 2.25 | 17 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 40 | .17 | .229 | 6 | 38 | .44 | 276 | .09 | 2 | 1.68 | .03 | .06 | 1 |
| 664 | 1 | 30 | 7 | 59 | .1 | 38 | 9 | 432 | 2.01 | 11 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 39 | .23 | .140 | 7 | 27 | .35 | 161 | .11 | 2 | 1.93 | .03 | .06 | 1 |
| 666 | 1 | 27 | 6 | 98 | .3 | 47 | 10 | 533 | 2.15 | 10 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 39 | .27 | .157 | 7 | 29 | .36 | 182 | .11 | 5 | 2.14 | .03 | .08 | 1 |
| 667 | 5 | 115 | 8 | 80 | .7 | 57 | 9 | 1205 | 2.53 | 19 | 5 | ND | 3 | 32 | 1 | 4 | 2 | 47 | .60 | .066 | 13 | 40 | .39 | 215 | .09 | 6 | 2.51 | .04 | .09 | 1 |
| 668 | 1 | 27 | 5 | 83 | .1 | 34 | 8 | 411 | 2.05 | 10 | 5 | ND | 2 | 15 | 1 | 2 | 2 | 39 | .20 | .130 | 6 | 29 | .40 | 173 | .11 | 3 | 1.86 | .03 | .06 | 1 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 669 | 3 | 83 | 9 | 77 | .3 | 163 | 17 | 550 | 4.93 | 13 | 5 | ND | 2 | 15 | 1 | 13 | 2 | 84 | .59 | .074 | 5 | 156 | 4.25 | 75 | .04 | 2 | 2.57 | .01 | .08 | 5 |
| 670 | 3 | 41 | 10 | 78 | .2 | 41 | 9 | 660 | 2.11 | 16 | 6 | ND | 3 | 19 | 1 | 2 | 2 | 36 | .24 | .076 | 7 | 27 | .39 | 239 | .12 | 3 | 2.00 | .03 | .08 | 2 |
| 671 | 1 | 47 | 5 | 87 | .4 | 103 | 14 | 358 | 2.50 | 18 | 5 | ND | 5 | 23 | 1 | 2 | 2 | 43 | .28 | .071 | 7 | 70 | .75 | 224 | .10 | 2 | 1.70 | .02 | .08 | 1 |
| 672 | 8 | 76 | 11 | 70 | .3 | 40 | 7 | 822 | 1.62 | 11 | 5 | ND | 3 | 37 | 1 | 2 | 2 | 27 | .56 | .040 | 12 | 22 | .26 | 118 | .11 | 2 | 1.87 | .04 | .06 | 1 |
| 673 | 1 | 28 | 13 | 117 | .2 | 57 | 11 | 850 | 2.26 | 14 | 5 | ND | 3 | 27 | 1 | 3 | 4 | 36 | .35 | .165 | 8 | 36 | .43 | 275 | .10 | 3 | 1.92 | .03 | .08 | 1 |
| 674 | 2 | 94 | 15 | 103 | .4 | 33 | 3 | 262 | .71 | 6 | 5 | ND | 1 | 96 | 1 | 2 | 2 | 17 | 5.87 | .077 | 3 | 21 | .39 | 101 | .01 | 54 | .54 | .05 | .05 | 1 |
| 675 | 1 | 42 | 16 | 112 | .1 | 13 | 12 | 2791 | 2.20 | 47 | 5 | ND | 1 | 49 | 1 | 2 | 2 | 35 | .68 | .165 | 8 | 16 | .39 | 301 | .07 | 3 | 1.41 | .03 | .13 | 3 |
| 676 | 1 | 45 | 21 | 144 | .2 | 20 | 9 | 2162 | 2.21 | 25 | 5 | ND | 3 | 50 | 1 | 2 | 2 | 33 | .58 | .193 | 10 | 22 | .33 | 348 | .10 | 5 | 1.77 | .03 | .11 | 2 |
| 677 | 1 | 29 | 17 | 117 | .1 | 24 | 6 | 652 | 1.95 | 24 | 5 | ND | 3 | 46 | 1 | 2 | 2 | 28 | .44 | .062 | 9 | 19 | .25 | 193 | .08 | 4 | 1.56 | .03 | .12 | 1 |
| 678 | 1 | 49 | 25 | 137 | .1 | 33 | 9 | 794 | 2.44 | 45 | 5 | ND | 4 | 37 | 1 | 3 | 2 | 36 | .45 | .056 | 11 | 26 | .39 | 225 | .10 | 5 | 2.02 | .03 | .08 | 2 |
| 679 | 1 | 43 | 16 | 143 | .1 | 33 | 8 | 692 | 2.23 | 50 | 5 | ND | 3 | 34 | 1 | 2 | 2 | 31 | .40 | .083 | 9 | 23 | .36 | 165 | .10 | 4 | 1.80 | .03 | .11 | 1 |
| 680 | 1 | 36 | 11 | 152 | .1 | 37 | 7 | 454 | 2.20 | 34 | 5 | ND | 3 | 42 | 1 | 2 | 3 | 28 | .38 | .105 | 10 | 24 | .35 | 160 | .10 | 5 | 1.91 | .03 | .09 | 1 |
| 681 | 1 | 30 | 6 | 96 | .3 | 32 | 6 | 229 | 1.90 | 32 | 5 | ND | 3 | 31 | 1 | 2 | 5 | 27 | .33 | .033 | 7 | 18 | .23 | 120 | .10 | 5 | 1.76 | .03 | .07 | 1 |
| 682 | 2 | 43 | 13 | 124 | .3 | 44 | 9 | 424 | 2.46 | 42 | 5 | ND | 3 | 55 | 1 | 3 | 2 | 31 | .51 | .051 | 11 | 24 | .35 | 167 | .08 | 4 | 1.83 | .03 | .09 | 2 |
| 683 | 1 | 42 | 9 | 115 | .3 | 38 | 7 | 627 | 2.15 | 21 | 5 | ND | 3 | 71 | 1 | 2 | 2 | 30 | .56 | .031 | 14 | 25 | .34 | 127 | .10 | 7 | 1.78 | .04 | .09 | 1 |
| 684 | 1 | 26 | 10 | 85 | .1 | 27 | 7 | 667 | 1.85 | 26 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 29 | .38 | .031 | 7 | 20 | .31 | 152 | .10 | 5 | 1.54 | .03 | .10 | 2 |
| 685 | 1 | 35 | 7 | 93 | .1 | 33 | 8 | 523 | 2.01 | 36 | 5 | ND | 3 | 30 | 1 | 2 | 2 | 31 | .30 | .065 | 8 | 25 | .35 | 180 | .11 | 10 | 1.89 | .03 | .08 | 1 |
| 686 | 1 | 28 | 5 | 75 | .2 | 25 | 7 | 800 | 1.75 | 37 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 28 | .30 | .097 | 7 | 20 | .30 | 155 | .09 | 4 | 1.46 | .03 | .09 | 1 |
| 687 | 3 | 26 | 13 | 204 | .1 | 49 | 7 | 453 | 2.29 | 25 | 5 | ND | 2 | 54 | 1 | 8 | 2 | 25 | .32 | .165 | 12 | 20 | .24 | 213 | .08 | 4 | 1.37 | .03 | .11 | 1 |
| 688 | 1 | 37 | 8 | 130 | .2 | 33 | 8 | 558 | 2.22 | 25 | 5 | ND | 3 | 40 | 1 | 3 | 3 | 32 | .35 | .149 | 10 | 25 | .39 | 211 | .10 | 6 | 1.96 | .03 | .14 | 1 |
| 689 | 2 | 20 | 6 | 119 | .1 | 28 | 5 | 343 | 1.59 | 14 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 22 | .25 | .083 | 6 | 14 | .20 | 150 | .07 | 5 | 1.03 | .03 | .10 | 1 |
| 690 | 1 | 26 | 6 | 147 | .1 | 30 | 6 | 557 | 1.73 | 27 | 5 | ND | 2 | 46 | 1 | 2 | 2 | 24 | .38 | .163 | 7 | 20 | .27 | 219 | .09 | 4 | 1.48 | .03 | .08 | 3 |
| 691 | 1 | 28 | 15 | 197 | .1 | 40 | 8 | 455 | 2.23 | 18 | 5 | ND | 2 | 42 | 1 | 2 | 2 | 28 | .45 | .062 | 9 | 21 | .29 | 148 | .09 | 4 | 1.70 | .04 | .07 | 1 |
| 692 | 1 | 35 | 9 | 113 | .4 | 34 | 7 | 541 | 2.02 | 39 | 5 | ND | 2 | 49 | 1 | 3 | 2 | 28 | .34 | .070 | 7 | 24 | .31 | 141 | .09 | 4 | 1.61 | .03 | .08 | 1 |
| 693 | 1 | 39 | 12 | 92 | .2 | 34 | 7 | 603 | 1.98 | 35 | 5 | ND | 3 | 42 | 1 | 3 | 2 | 27 | .37 | .106 | 9 | 21 | .37 | 153 | .10 | 5 | 1.94 | .04 | .08 | 1 |
| 2+00NW 7+50NE | 2 | 92 | 16 | 171 | .2 | 36 | 8 | 1974 | 2.28 | 118 | 5 | ND | 2 | 40 | 1 | 2 | 2 | 35 | .42 | .135 | 9 | 18 | .34 | 257 | .11 | 6 | 1.89 | .03 | .09 | 2 |
| 15+00NW 15+00NE | 2 | 75 | 8 | 49 | .1 | 24 | 9 | 353 | 2.64 | 16 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 40 | .29 | .049 | 11 | 33 | .61 | 137 | .06 | 2 | 1.24 | .02 | .07 | 2 |
| BL 15+17 | 1 | 28 | 9 | 133 | .1 | 26 | 7 | 634 | 1.95 | 16 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 29 | .28 | .063 | 7 | 23 | .35 | 203 | .08 | 4 | 1.28 | .03 | .12 | 4 |
| STD C | 20 | 61 | 44 | 144 | 7.1 | 73 | 29 | 1064 | 3.98 | 43 | 15 | 7 | 35 | 50 | 19 | 16 | 21 | 60 | .49 | .105 | 37 | 62 | .89 | 189 | .09 | 33 | 1.72 | .07 | .15 | 13 |

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P3-SOIL P4-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 4 1987 DATE REPORT MAILED: Aug 13/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT-VIKUN File # 87-2978 Page 1

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17+00NW 1+75SW | 1 | 29 | 15 | 101 | .1 | 21 | 8 | 1065 | 2.07 | 30 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 31 | .30 | .054 | 9 | 22 | .33 | 206 | .08 | 4 | 1.54 | .01 | .07 | 1 | 11 |
| 17+00NW 2+00SW | 1 | 30 | 12 | 90 | .1 | 21 | 8 | 672 | 2.08 | 41 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 31 | .24 | .081 | 9 | 20 | .32 | 136 | .09 | 2 | 1.88 | .02 | .06 | 1 | 1 |
| 17+00NW 2+25SW | 1 | 31 | 21 | 105 | .2 | 16 | 7 | 1655 | 1.81 | 28 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 28 | .68 | .072 | 8 | 17 | .26 | 260 | .07 | 5 | 1.44 | .02 | .07 | 1 | 1 |
| 17+00NW 2+50SW | 1 | 32 | 14 | 86 | .1 | 19 | 8 | 954 | 2.14 | 40 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 30 | .31 | .043 | 9 | 19 | .33 | 177 | .08 | 2 | 1.77 | .01 | .07 | 1 | 2 |
| 16+00NW 2+00SW | 1 | 30 | 13 | 127 | .1 | 21 | 9 | 1076 | 2.15 | 51 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 32 | .26 | .053 | 10 | 19 | .28 | 192 | .08 | 3 | 1.53 | .02 | .05 | 1 | 17 |
| 16+00NW 2+25SW | 1 | 38 | 17 | 107 | .3 | 21 | 9 | 966 | 2.34 | 66 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 34 | .36 | .080 | 10 | 20 | .31 | 208 | .09 | 2 | 1.77 | .01 | .08 | 1 | 19 |
| 16+00NW 2+50SW | 1 | 53 | 19 | 104 | .4 | 13 | 8 | 1350 | 2.83 | 278 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 29 | .28 | .059 | 8 | 15 | .23 | 267 | .10 | 2 | 1.74 | .02 | .05 | 1 | 375 |
| 16+00NW 2+75SW | 1 | 38 | 13 | 110 | .1 | 27 | 10 | 1087 | 2.65 | 40 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 38 | .22 | .060 | 11 | 26 | .39 | 132 | .10 | 2 | 2.19 | .02 | .05 | 1 | 160 |
| 16+00NW 3+60SW | 1 | 34 | 9 | 122 | .1 | 11 | 9 | 1756 | 2.33 | 29 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 34 | .26 | .069 | 7 | 17 | .28 | 149 | .08 | 3 | 1.34 | .02 | .05 | 1 | 122 |
| 7+00NW 1+75NE | 1 | 157 | 7 | 114 | .1 | 25 | 8 | 522 | 2.38 | 19 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 34 | .54 | .057 | 13 | 29 | .41 | 164 | .11 | 3 | 2.22 | .02 | .06 | 1 | 1 |
| 7+00NW 1+25NE | 1 | 51 | 3 | 97 | .1 | 30 | 9 | 579 | 2.32 | 15 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 36 | .30 | .090 | 10 | 29 | .44 | 169 | .12 | 3 | 2.41 | .02 | .07 | 1 | 1 |
| 7+00NW 0+75NE | 1 | 42 | 7 | 96 | .1 | 28 | 8 | 452 | 2.27 | 19 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 36 | .34 | .069 | 9 | 27 | .39 | 117 | .12 | 18 | 2.31 | .03 | .05 | 1 | 14 |
| 7+00NW 0+25NE | 1 | 26 | 11 | 107 | .1 | 27 | 8 | 680 | 1.90 | 28 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 30 | .24 | .122 | 6 | 21 | .31 | 165 | .10 | 2 | 1.85 | .02 | .06 | 2 | 24 |
| 7+00NW 0+25SW | 1 | 16 | 4 | 89 | .3 | 22 | 6 | 539 | 1.63 | 13 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 26 | .24 | .167 | 5 | 17 | .23 | 147 | .09 | 3 | 1.48 | .02 | .06 | 1 | 98 |
| 7+00NW 0+75SW | 1 | 30 | 15 | 128 | .1 | 21 | 8 | 1345 | 1.86 | 18 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 29 | .37 | .100 | 8 | 21 | .32 | 261 | .08 | 3 | 1.50 | .02 | .08 | 1 | 3 |
| 6+50NW 2+00NE | 2 | 41 | 7 | 107 | .2 | 22 | 7 | 481 | 1.95 | 23 | 5 | ND | 2 | 22 | 1 | 2 | 4 | 28 | .27 | .082 | 8 | 21 | .29 | 175 | .12 | 2 | 2.37 | .03 | .07 | 1 | 7 |
| 6+50NW 1+75NE | 1 | 27 | 7 | 69 | .1 | 19 | 7 | 425 | 1.80 | 23 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 27 | .35 | .181 | 5 | 18 | .25 | 159 | .11 | 6 | 2.13 | .02 | .06 | 1 | 12 |
| 6+50NW 1+50NE | 1 | 31 | 5 | 94 | .1 | 22 | 7 | 431 | 2.01 | 17 | 5 | ND | 2 | 16 | 1 | 2 | 2 | 30 | .24 | .102 | 7 | 26 | .31 | 119 | .10 | 2 | 1.90 | .02 | .05 | 1 | 10 |
| 6+50NW 1+25NE | 1 | 28 | 4 | 63 | .1 | 22 | 7 | 338 | 1.89 | 21 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 31 | .32 | .057 | 9 | 20 | .26 | 111 | .13 | 3 | 2.28 | .03 | .06 | 1 | 9 |
| 6+50NW 1+00NE | 1 | 43 | 9 | 68 | .3 | 29 | 9 | 303 | 2.45 | 21 | 5 | ND | 4 | 27 | 1 | 2 | 2 | 39 | .43 | .077 | 13 | 30 | .42 | 162 | .13 | 2 | 2.59 | .03 | .07 | 1 | 425 |
| 6+50NW 0+50NE | 1 | 23 | 8 | 87 | .1 | 27 | 7 | 527 | 1.83 | 16 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 30 | .24 | .112 | 8 | 20 | .28 | 174 | .11 | 4 | 1.93 | .03 | .06 | 1 | 47 |
| 6+50NW 0+25NE | 1 | 23 | 5 | 71 | .1 | 23 | 6 | 528 | 1.73 | 13 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 29 | .26 | .073 | 9 | 21 | .30 | 183 | .09 | 2 | 1.66 | .03 | .06 | 1 | 18 |
| 6+50NW 0+00NE | 1 | 27 | 6 | 64 | .1 | 20 | 7 | 447 | 1.96 | 15 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 33 | .27 | .083 | 9 | 22 | .33 | 127 | .12 | 2 | 2.16 | .03 | .06 | 1 | 5 |
| 6+50NW 0+25SW | 1 | 31 | 5 | 70 | .1 | 25 | 8 | 666 | 2.07 | 19 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 34 | .27 | .048 | 9 | 24 | .37 | 130 | .10 | 2 | 1.88 | .02 | .06 | 1 | 9 |
| 6+50NW 0+50SW | 1 | 16 | 16 | 83 | .2 | 14 | 5 | 1244 | 1.51 | 13 | 5 | ND | 1 | 28 | 1 | 3 | 2 | 27 | .30 | .039 | 5 | 14 | .26 | 131 | .07 | 21 | 1.11 | .03 | .06 | 1 | 1 |
| 6+50NW 0+75SW | 1 | 30 | 2 | 65 | .1 | 17 | 7 | 570 | 1.71 | 17 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 27 | .25 | .179 | 9 | 16 | .24 | 168 | .11 | 3 | 2.37 | .03 | .07 | 1 | 3 |
| 6+00NW 3+75NE | 1 | 39 | 10 | 120 | .4 | 27 | 7 | 228 | 2.03 | 19 | 5 | ND | 2 | 20 | 1 | 2 | 3 | 31 | .28 | .030 | 7 | 25 | .31 | 134 | .13 | 5 | 2.37 | .03 | .05 | 2 | 3 |
| 6+00NW 3+25NE | 2 | 23 | 4 | 71 | .3 | 13 | 5 | 619 | 1.48 | 16 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 25 | .17 | .095 | 5 | 12 | .17 | 101 | .11 | 4 | 1.89 | .03 | .04 | 1 | 1 |
| 6+00NW 2+75NE | 1 | 61 | 11 | 122 | .1 | 23 | 6 | 1089 | 2.16 | 24 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 31 | .42 | .161 | 7 | 21 | .40 | 174 | .10 | 7 | 2.53 | .03 | .07 | 2 | 1 |
| 6+00NW 2+25NE | 1 | 42 | 6 | 100 | .1 | 26 | 9 | 480 | 2.27 | 23 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 35 | .31 | .124 | 7 | 27 | .38 | 151 | .11 | 4 | 2.23 | .02 | .05 | 1 | 265 |
| 6+00NW 1+75NE | 1 | 29 | 3 | 82 | .3 | 21 | 6 | 388 | 1.76 | 20 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 25 | .25 | .190 | 11 | 16 | .22 | 166 | .13 | 3 | 2.86 | .04 | .06 | 1 | 5 |
| 6+00NW 1+25NE | 1 | 34 | 6 | 55 | .1 | 20 | 7 | 263 | 1.96 | 20 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 31 | .31 | .083 | 10 | 22 | .29 | 124 | .12 | 5 | 2.35 | .03 | .05 | 2 | 6 |
| 6+00NW 0+75NE | 1 | 52 | 7 | 68 | .1 | 26 | 8 | 262 | 2.12 | 18 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 33 | .28 | .040 | 10 | 26 | .37 | 98 | .14 | 4 | 2.60 | .04 | .05 | 1 | 24 |
| 6+00NW 0+25NE | 1 | 18 | 12 | 113 | .1 | 21 | 6 | 1145 | 1.82 | 13 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 29 | .52 | .096 | 10 | 18 | .25 | 192 | .08 | 2 | 1.57 | .03 | .06 | 1 | 11 |
| 6+00NW 0+25SW | 1 | 18 | 13 | 204 | .1 | 15 | 6 | 1217 | 1.68 | 12 | 5 | ND | 2 | 28 | 2 | 2 | 2 | 26 | .54 | .070 | 8 | 15 | .35 | 199 | .07 | 5 | 1.54 | .03 | .06 | 1 | 1 |
| 6+00NW 1+25SW | 3 | 60 | 8 | 107 | .1 | 36 | 6 | 539 | 1.81 | 12 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 27 | .46 | .029 | 14 | 19 | .29 | 83 | .11 | 2 | 2.14 | .04 | .05 | 1 | 3 |
| STD C/AU-S | 19 | 63 | 43 | 132 | 7.5 | 73 | 29 | 1024 | 3.98 | 39 | 16 | 7 | 40 | 55 | 18 | 17 | 22 | 61 | .48 | .089 | 41 | 61 | .88 | 182 | .09 | 34 | 1.89 | .07 | .13 | 12 | 53 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6+00NW 1+75SW | 1 | 61 | 16 | 62 | .1 | 35 | 12 | 318 | 3.04 | 49 | 5 | ND | 4 | 16 | 1 |
| 5+50NW 3+75NE | 1 | 69 | 15 | 168 | .2 | 55 | 5 | 452 | 1.70 | 11 | 5 | ND | 2 | 32 | 1 |
| 5+50NW 3+50NE | 1 | 15 | 8 | 87 | .1 | 9 | 4 | 724 | 1.04 | 13 | 5 | ND | 1 | 22 | 1 |
| 5+50NW 3+25NE | 1 | 34 | 11 | 265 | .1 | 22 | 8 | 409 | 2.02 | 21 | 5 | ND | 2 | 24 | 1 |
| 5+50NW 3+00NE | 1 | 62 | 15 | 224 | .1 | 20 | 8 | 469 | 2.12 | 15 | 5 | ND | 2 | 25 | 1 |
| 5+50NW 2+75NE | 2 | 99 | 93 | 376 | .1 | 30 | 10 | 549 | 2.96 | 14 | 5 | ND | 3 | 35 | 1 |
| 5+50NW 2+50NE | 1 | 16 | 12 | 83 | .1 | 10 | 6 | 812 | 1.46 | 10 | 5 | ND | 1 | 14 | 1 |
| 5+50NW 2+25NE | 1 | 51 | 10 | 155 | .1 | 23 | 8 | 286 | 2.26 | 10 | 5 | ND | 3 | 26 | 1 |
| 5+50NW 1+75NE | 1 | 38 | 9 | 159 | .1 | 17 | 6 | 333 | 1.68 | 9 | 5 | ND | 1 | 19 | 1 |
| 5+50NW 1+50NE | 1 | 40 | 12 | 139 | .1 | 24 | 7 | 303 | 1.96 | 15 | 5 | ND | 2 | 23 | 1 |
| 5+50NW 1+25NE | 1 | 24 | 10 | 81 | .1 | 22 | 7 | 447 | 1.89 | 12 | 5 | ND | 2 | 22 | 1 |
| 5+50NW 1+00NE | 1 | 21 | 10 | 72 | .1 | 19 | 6 | 501 | 1.76 | 12 | 5 | ND | 2 | 21 | 1 |
| 5+50NW 0+75NE | 1 | 48 | 15 | 96 | .3 | 36 | 8 | 358 | 2.37 | 19 | 5 | ND | 3 | 22 | 1 |
| 5+50NW 0+50NE | 1 | 24 | 24 | 133 | .1 | 21 | 7 | 1000 | 2.00 | 13 | 5 | ND | 1 | 30 | 1 |
| 5+50NW 0+25NE | 1 | 23 | 5 | 182 | .1 | 20 | 7 | 562 | 2.24 | 18 | 5 | ND | 3 | 21 | 1 |
| 5+50NW 0+00NE | 1 | 40 | 20 | 152 | .1 | 24 | 8 | 828 | 2.31 | 22 | 5 | ND | 2 | 27 | 1 |
| 5+50NW 0+25SW | 1 | 50 | 13 | 99 | .1 | 34 | 11 | 727 | 2.84 | 25 | 5 | ND | 3 | 29 | 1 |
| 5+50NW 0+50SW | 1 | 34 | 17 | 114 | .1 | 22 | 9 | 852 | 2.12 | 17 | 5 | ND | 1 | 31 | 1 |
| 5+50NW 0+75SW | 1 | 25 | 16 | 130 | .1 | 18 | 7 | 806 | 1.95 | 16 | 5 | ND | 1 | 26 | 1 |
| 5+50NW 1+00SW | 1 | 28 | 15 | 142 | .1 | 15 | 7 | 1590 | 1.85 | 12 | 5 | ND | 1 | 25 | 1 |
| 5+50NW 1+25SW | 1 | 25 | 10 | 123 | .1 | 25 | 7 | 387 | 1.94 | 13 | 5 | ND | 3 | 19 | 1 |
| 5+50NW 1+50SW | 1 | 30 | 11 | 106 | .1 | 15 | 6 | 807 | 1.91 | 15 | 5 | ND | 1 | 24 | 1 |
| 5+50NW 1+75SW | 1 | 19 | 10 | 201 | .4 | 16 | 7 | 877 | 2.16 | 24 | 5 | ND | 2 | 38 | 1 |
| 5+00NW 3+75NE | 1 | 69 | 11 | 95 | .2 | 41 | 6 | 386 | 1.56 | 11 | 5 | ND | 1 | 35 | 1 |
| 5+00NW 3+25NE | 1 | 40 | 11 | 145 | .1 | 28 | 7 | 471 | 1.99 | 16 | 5 | ND | 2 | 24 | 1 |
| 5+00NW 2+75NE | 3 | 32 | 23 | 292 | .1 | 22 | 7 | 490 | 1.88 | 18 | 5 | ND | 2 | 19 | 1 |
| 5+00NW 2+25NE | 1 | 60 | 10 | 98 | .1 | 22 | 8 | 509 | 2.31 | 20 | 5 | ND | 4 | 21 | 1 |
| 5+00NW 1+75NE | 1 | 43 | 9 | 73 | .2 | 22 | 9 | 464 | 2.30 | 13 | 5 | ND | 3 | 19 | 1 |
| 5+00NW 1+25NE | 1 | 24 | 16 | 154 | .1 | 23 | 7 | 745 | 2.01 | 16 | 5 | ND | 1 | 24 | 1 |
| 5+00NW 0+75NE | 1 | 76 | 17 | 91 | .1 | 45 | 8 | 469 | 2.01 | 22 | 5 | ND | 2 | 25 | 1 |
| 5+00NW 0+25NE | 1 | 25 | 13 | 94 | .1 | 17 | 6 | 553 | 1.85 | 7 | 5 | ND | 3 | 19 | 1 |
| 5+00NW 1+75SW | 1 | 25 | 14 | 68 | .1 | 21 | 7 | 603 | 1.98 | 12 | 5 | ND | 2 | 19 | 1 |
| 5+00NW 2+25SW | 1 | 35 | 15 | 67 | .1 | 21 | 8 | 822 | 2.07 | 11 | 5 | ND | 1 | 20 | 1 |
| 5+00NW 2+75SW | 1 | 29 | 8 | 93 | .1 | 25 | 7 | 402 | 2.10 | 7 | 5 | ND | 2 | 22 | 1 |
| 4+50NW 2+25NE | 1 | 52 | 15 | 164 | .1 | 35 | 8 | 511 | 2.19 | 13 | 5 | ND | 2 | 26 | 1 |
| 4+50NW 1+75NE | 1 | 31 | 17 | 108 | .1 | 25 | 7 | 447 | 1.84 | 9 | 5 | ND | 1 | 19 | 1 |
| STD C/AU-S | 19 | 61 | 38 | 132 | 7.1 | 69 | 28 | 934 | 3.95 | 39 | 21 | 8 | 38 | 51 | 18 |

| SAMPLE# | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6+00NW 1+75SW | 2 | 2 | 46 | .21 | .075 | 15 | 34 | .49 | 79 | .15 | 4 | 2.97 | .01 | .06 | 1 | 12 |
| 5+50NW 3+75NE | 2 | 2 | 23 | .46 | .035 | 10 | 15 | .19 | 76 | .14 | 7 | 2.64 | .04 | .04 | 1 | 7 |
| 5+50NW 3+50NE | 2 | 2 | 19 | .33 | .038 | 2 | 9 | .12 | 77 | .06 | 2 | .55 | .03 | .03 | 2 | 7 |
| 5+50NW 3+25NE | 2 | 2 | 29 | .26 | .071 | 6 | 17 | .26 | 114 | .14 | 6 | 2.84 | .03 | .05 | 1 | 4 |
| 5+50NW 3+00NE | 2 | 2 | 31 | .43 | .055 | 9 | 19 | .30 | 112 | .13 | 6 | 2.46 | .03 | .05 | 1 | 3 |
| 5+50NW 2+75NE | 2 | 2 | 36 | .48 | .043 | 12 | 22 | .47 | 142 | .14 | 4 | 2.96 | .02 | .05 | 2 | 2 |
| 5+50NW 2+50NE | 2 | 2 | 25 | .17 | .086 | 4 | 12 | .19 | 104 | .08 | 9 | 1.17 | .03 | .03 | 1 | 2 |
| 5+50NW 2+25NE | 2 | 2 | 31 | .35 | .040 | 7 | 19 | .29 | 132 | .16 | 23 | 3.26 | .04 | .07 | 1 | 54 |
| 5+50NW 1+75NE | 2 | 2 | 25 | .28 | .088 | 7 | 14 | .21 | 97 | .12 | 2 | 2.24 | .04 | .05 | 1 | 2 |
| 5+50NW 1+50NE | 2 | 2 | 31 | .32 | .050 | 8 | 21 | .26 | 121 | .12 | 7 | 2.03 | .03 | .07 | 1 | 6 |
| 5+50NW 1+25NE | 2 | 2 | 28 | .29 | .141 | 7 | 21 | .30 | 169 | .10 | 2 | 1.79 | .02 | .07 | 1 | 15 |
| 5+50NW 1+00NE | 2 | 2 | 26 | .27 | .113 | 7 | 19 | .25 | 169 | .11 | 7 | 2.16 | .03 | .05 | 2 | 2 |
| 5+50NW 0+75NE | 2 | 2 | 36 | .32 | .070 | 12 | 26 | .36 | 149 | .13 | 3 | 2.80 | .02 | .06 | 1 | 10 |
| 5+50NW 0+50NE | 2 | 2 | 30 | .41 | .059 | 9 | 24 | .38 | 202 | .09 | 8 | 1.81 | .02 | .06 | 1 | 3 |
| 5+50NW 0+25NE | 2 | 2 | 31 | .28 | .078 | 13 | 20 | .39 | 158 | .12 | 5 | 2.52 | .02 | .06 | 1 | 1 |
| 5+50NW 0+00NE | 2 | 2 | 33 | .44 | .028 | 9 | 21 | .45 | 163 | .10 | 4 | 1.95 | .02 | .06 | 1 | 17 |
| 5+50NW 0+25SW | 3 | 2 | 41 | .37 | .026 | 12 | 32 | .51 | 187 | .11 | 3 | 2.26 | .02 | .09 | 1 | 2 |
| 5+50NW 0+50SW | 2 | 2 | 30 | .37 | .080 | 9 | 21 | .35 | 159 | .11 | 5 | 2.14 | .02 | .09 | 1 | 2 |
| 5+50NW 0+75SW | 2 | 2 | 28 | .37 | .079 | 10 | 18 | .32 | 153 | .10 | 4 | 2.20 | .02 | .04 | 1 | 2 |
| 5+50NW 1+00SW | 2 | 3 | 26 | .38 | .085 | 7 | 16 | .26 | 215 | .08 | 2 | 1.50 | .02 | .05 | 1 | 2 |
| 5+50NW 1+25SW | 2 | 2 | 29 | .22 | .062 | 8 | 22 | .28 | 177 | .12 | 3 | 2.25 | .02 | .05 | 1 | 26 |
| 5+50NW 1+50SW | 2 | 2 | 29 | .28 | .138 | 7 | 16 | .23 | 167 | .12 | 6 | 2.47 | .02 | .04 | 1 | 4 |
| 5+50NW 1+75SW | 2 | 2 | 28 | .30 | .227 | 7 | 16 | .29 | 318 | .11 | 3 | 1.77 | .02 | .08 | 1 | 2 |
| 5+00NW 3+75NE | 2 | 2 | 22 | .52 | .020 | 8 | 16 | .21 | 77 | .10 | 6 | 1.80 | .04 | .04 | 1 | 5 |
| 5+00NW 3+25NE | 2 | 2 | 30 | .31 | .050 | 8 | 23 | .29 | 129 | .11 | 6 | 2.08 | .03 | .05 | 1 | 18 |
| 5+00NW 2+75NE | 3 | 2 | 28 | .24 | .054 | 7 | 19 | .26 | 127 | .12 | 7 | 2.21 | .03 | .06 | 1 | 1 |
| 5+00NW 2+25NE | 2 | 2 | 32 | .20 | .043 | 10 | 19 | .28 | 154 | .16 | 10 | 3.48 | .03 | .06 | 1 | 4 |
| 5+00NW 1+75NE | 2 | 2 | 34 | .23 | .077 | 10 | 21 | .34 | 117 | .14 | 2 | 2.90 | .02 | .05 | 1 | 3 |
| 5+00NW 1+25NE | 2 | 2 | 29 | .29 | .123 | 6 | 21 | .29 | 204 | .10 | 2 | 1.79 | .02 | .06 | 1 | 9 |
| 5+00NW 0+75NE | 2 | 2 | 29 | .33 | .057 | 10 | 22 | .30 | 120 | .12 | 3 | 2.33 | .03 | .06 | 1 | 1 |
| 5+00NW 0+25NE | 2 | 2 | 28 | .24 | .067 | 8 | 19 | .27 | 159 | .11 | 18 | 2.06 | .03 | .07 | 1 | 9 |
| 5+00NW 1+75SW | 2 | 2 | 31 | .26 | .076 | 8 | 22 | .34 | 144 | .10 | 4 | 1.91 | .02 | .06 | 1 | 2 |
| 5+00NW 2+25SW | 2 | 2 | 32 | .34 | .040 | 8 | 26 | .40 | 140 | .08 | 2 | 1.59 | .02 | .06 | 1 | 5 |
| 5+00NW 2+75SW | 2 | 2 | 33 | .28 | .014 | 10 | 26 | .38 | 130 | .11 | 4 | 1.81 | .02 | .07 | 1 | 2 |
| 4+50NW 2+25NE | 3 | 2 | 32 | .30 | .046 | 10 | 25 | .37 | 145 | .13 | 2 | 2.61 | .03 | .05 | 1 | 1 |
| 4+50NW 1+75NE | 2 | 2 | 30 | .26 | .057 | 8 | 20 | .31 | 123 | .10 | 24 | 1.75 | .03 | .05 | 1 | 13 |
| STD C/AU-S | 17 | 18 | 57 | .48 | .087 | 38 | 60 | .88 | 180 | .08 | 36 | 1.87 | .06 | .13 | 13 | 48 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4+50NW 1+50NE | 1 | 26 | 7 | 98 | .1 | 19 | 6 | 485 | 1.64 | 18 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 26 | .32 | .097 | 8 | 16 | .26 | 171 | .11 | 4 | 2.06 | .03 | .06 | 1 | 4 |
| 4+50NW 1+25NE | 1 | 493 | 9 | 169 | .4 | 23 | 7 | 2248 | 1.84 | 11 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 28 | .87 | .046 | 11 | 16 | .35 | 225 | .08 | 2 | 1.61 | .03 | .05 | 1 | 34 |
| 4+50NW 1+00NE | 1 | 37 | 8 | 110 | .1 | 22 | 6 | 573 | 1.98 | 24 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 31 | .34 | .031 | 6 | 25 | .39 | 185 | .08 | 15 | 1.60 | .03 | .06 | 1 | 46 |
| 4+50NW 0+75NE | 1 | 30 | 4 | 181 | .1 | 24 | 7 | 413 | 2.21 | 19 | 5 | ND | 3 | 21 | 1 | 2 | 2 | 32 | .27 | .053 | 10 | 21 | .31 | 171 | .14 | 5 | 2.97 | .03 | .10 | 1 | 11 |
| 4+50NW 0+50NE | 1 | 39 | 11 | 191 | .1 | 31 | 7 | 691 | 2.17 | 21 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 33 | .33 | .082 | 9 | 23 | .35 | 198 | .13 | 2 | 2.50 | .03 | .07 | 1 | 5 |
| 4+50NW 0+25NE | 1 | 39 | 7 | 104 | .1 | 53 | 9 | 648 | 2.60 | 28 | 5 | ND | 2 | 20 | 1 | 2 | 4 | 41 | .30 | .055 | 10 | 32 | .44 | 167 | .15 | 2 | 3.21 | .02 | .07 | 1 | 6 |
| 4+50NW 0+00NE | 1 | 88 | 6 | 214 | .1 | 32 | 8 | 519 | 2.44 | 34 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 37 | .37 | .073 | 9 | 30 | .44 | 183 | .12 | 18 | 2.63 | .03 | .07 | 1 | 35 |
| 4+50NW 0+25SW | 1 | 28 | 4 | 110 | .1 | 23 | 7 | 855 | 2.31 | 23 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 35 | .27 | .095 | 10 | 22 | .35 | 182 | .13 | 2 | 2.55 | .02 | .06 | 1 | 7 |
| 4+50NW 0+50SW | 1 | 29 | 5 | 109 | .1 | 17 | 6 | 1043 | 2.05 | 25 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 30 | .20 | .103 | 8 | 20 | .32 | 192 | .10 | 2 | 1.96 | .02 | .05 | 1 | 7 |
| 4+50NW 0+75SW | 1 | 36 | 17 | 75 | .1 | 22 | 8 | 981 | 2.23 | 18 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 35 | .38 | .021 | 10 | 26 | .38 | 190 | .10 | 5 | 2.17 | .02 | .05 | 3 | 40 |
| 4+50NW 1+00SW | 1 | 28 | 6 | 65 | .1 | 19 | 7 | 790 | 2.41 | 14 | 5 | ND | 3 | 22 | 1 | 2 | 2 | 38 | .40 | .020 | 15 | 28 | .43 | 136 | .10 | 2 | 2.21 | .02 | .07 | 1 | 7 |
| 4+00NW 1+75NE | 1 | 51 | 6 | 143 | .1 | 31 | 9 | 754 | 2.45 | 20 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 37 | .30 | .062 | 10 | 26 | .40 | 185 | .14 | 3 | 3.00 | .03 | .07 | 1 | 12 |
| 4+00NW 1+25NE | 1 | 42 | 6 | 95 | .2 | 28 | 8 | 536 | 2.25 | 19 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 35 | .36 | .063 | 9 | 29 | .42 | 165 | .11 | 2 | 2.15 | .02 | .08 | 1 | 35 |
| 4+00NW 0+75NE | 1 | 31 | 9 | 86 | .1 | 28 | 7 | 552 | 2.06 | 19 | 8 | ND | 2 | 23 | 1 | 2 | 2 | 32 | .30 | .060 | 9 | 24 | .38 | 187 | .11 | 2 | 2.23 | .03 | .07 | 1 | 9 |
| 4+00NW 0+25NE | 1 | 37 | 3 | 79 | .2 | 33 | 8 | 467 | 2.30 | 33 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 36 | .32 | .017 | 8 | 30 | .39 | 195 | .10 | 7 | 2.07 | .02 | .05 | 1 | 60 |
| 4+00NW 0+25SW | 1 | 41 | 20 | 117 | .1 | 28 | 8 | 508 | 2.29 | 25 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 36 | .30 | .067 | 9 | 29 | .42 | 156 | .11 | 2 | 2.43 | .02 | .06 | 1 | 11 |
| 4+00NW 0+75SW | 1 | 28 | 6 | 60 | .2 | 14 | 6 | 636 | 1.70 | 14 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 26 | .27 | .040 | 8 | 17 | .27 | 140 | .08 | 2 | 1.61 | .02 | .06 | 1 | 3 |
| 5+00NE 0+25SW | 1 | 27 | 3 | 96 | .1 | 18 | 7 | 681 | 2.31 | 35 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 31 | .28 | .061 | 12 | 20 | .32 | 243 | .11 | 2 | 2.51 | .02 | .08 | 1 | 6 |
| 6+50NE 0+75NE | 1 | 26 | 6 | 83 | .2 | 23 | 7 | 415 | 1.80 | 17 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 28 | .24 | .086 | 7 | 19 | .29 | 175 | .10 | 7 | 1.88 | .03 | .05 | 1 | 14 |
| STD C/AU-S | 18 | 59 | 39 | 133 | 6.9 | 70 | 28 | 933 | 3.86 | 38 | 19 | 7 | 38 | 51 | 18 | 17 | 25 | 57 | .48 | .084 | 38 | 61 | .88 | 179 | .08 | 38 | 1.88 | .06 | .14 | 13 | 54 |

SOOLOCHOFF PROJECT-VIFUN FILE # 87-2978



| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4+50NW 2+00WE | 2 | 1505 | 48 | 64 | .1 | 13 | 25 | 417 | 44.52 | 2 | 5 | ND | 2 | 6 | 1 | 6 | 2 | 1 | .62 | .011 | 2 | 5 | .12 | 20 | .02 | 2 | .39 | .01 | .03 | 1 | 13 |
| 2051 | 1 | 287 | 38 | 23 | 12.1 | 11 | 19 | 77 | 12.63 | 122 | 5 | 4 | 1 | 1 | 1 | 2 | 20 | 2 | .02 | .001 | 2 | 3 | .01 | 3 | .01 | 4 | .01 | .01 | .01 | 22 | 3345 |
| 2052 | 61 | 627 | 40 | 110 | .6 | 35 | 25 | 1800 | 21.21 | 34 | 5 | ND | 2 | 16 | 1 | 2 | 3 | 49 | .71 | .046 | 6 | 10 | .51 | 4 | .01 | 3 | 1.76 | .01 | .02 | 2 | 17 |
| 2053 | 1974 | 5142 | 29 | 757 | 9.0 | 4 | 18 | 1562 | 15.63 | 14 | 5 | ND | 1 | 57 | 6 | 2 | 2 | 7 | 15.29 | .001 | 7 | 3 | .05 | 32 | .01 | 2 | .29 | .01 | .03 | 30 | 46 |
| 2054 | 264 | 501 | 25 | 56 | .7 | 12 | 46 | 830 | 12.75 | 149 | 5 | ND | 1 | 297 | 1 | 2 | 12 | 40 | 5.59 | .038 | 3 | 8 | .99 | 27 | .01 | 2 | 1.33 | .01 | .14 | 536 | 17 |
| 4825 | 2 | 482 | 9 | 66 | 1.6 | 23 | 31 | 421 | 9.18 | 2 | 5 | 5 | 1 | 118 | 1 | 2 | 31 | 108 | 4.15 | .047 | 4 | 37 | 1.05 | 33 | .39 | 2 | 3.47 | .25 | .09 | 9 | 11090 |
| 4826 | 1 | 1537 | 61 | 45 | 5.0 | 62 | 92 | 178 | 24.88 | 55 | 5 | 35 | 2 | 23 | 1 | 2 | 308 | 39 | .52 | .011 | 2 | 14 | .31 | 14 | .11 | 2 | .81 | .05 | .22 | 149 | 39810 |
| 4827 | 7 | 461 | 14 | 40 | 1.2 | 19 | 24 | 180 | 6.47 | 4 | 5 | 7 | 1 | 14 | 1 | 2 | 62 | 46 | .56 | .011 | 2 | 19 | .47 | 33 | .15 | 2 | 1.21 | .08 | .26 | 10 | 5675 |
| 4828 | 73 | 273 | 11 | 84 | .6 | 9 | 13 | 190 | 2.61 | 2 | 5 | 3 | 1 | 38 | 1 | 2 | 25 | 7 | 1.71 | .006 | 2 | 5 | .09 | 5 | .02 | 4 | .24 | .01 | .01 | 6 | 4450 |
| 4829 | 1 | 101 | 10 | 26 | .1 | 12 | 7 | 242 | 2.61 | 2 | 5 | ND | 1 | 153 | 1 | 2 | 2 | 92 | 4.10 | .079 | 4 | 27 | .69 | 74 | .23 | 6 | 3.71 | .25 | .33 | 8 | 150 |
| 4830 | 6 | 749 | 12 | 20 | 1.4 | 39 | 46 | 98 | 10.79 | 2 | 5 | 6 | 1 | 21 | 1 | 2 | 97 | 10 | .27 | .002 | 2 | 8 | .12 | 10 | .03 | 2 | .39 | .01 | .03 | 88 | 7065 |
| 4831 | 2 | 9 | 3 | 88 | .1 | 2 | 1 | 827 | 1.05 | 11 | 5 | ND | 3 | 145 | 1 | 2 | 4 | 3 | 38.06 | .004 | 2 | 3 | .13 | 3 | .01 | 2 | .08 | .01 | .01 | 1 | 18 |
| STD C/AU-R | 19 | 59 | 40 | 132 | 7.2 | 68 | 28 | 930 | 3.93 | 37 | 20 | 8 | 38 | 50 | 18 | 17 | 24 | 57 | .48 | .087 | 38 | 61 | .88 | 180 | .08 | 37 | 1.88 | .06 | .13 | 13 | 520 |

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAY 28 1987 DATE REPORT MAILED: June 2/87 ASSAYER. [signature] DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF CONSULTANT PROJECT-VIKON File # 87-1466 R

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 4 | 923 | 8 | 7 | 1.0 | 16 | 27 | 146 | 7.97 | 59 | 5 | ND | 1 | 12 | 1 |
| 2025 | 9 | 4734 | 27 | 84 | 1.2 | 5 | 27 | 790 | 43.80 | 24 | 5 | ND | 4 | 6 | 3 |
| 2026 | 60 | 17075 | 13 | 186 | 4.6 | 4 | 13 | 2962 | 18.76 | 18 | 5 | ND | 6 | 44 | 1 |
| 2027 | 119 | 11981 | 36 | 371 | 50.3 | 6 | 72 | 2325 | 26.76 | 572 | 5 | ND | 3 | 54 | 1 |
| 2028 | 1010 | 15813 | 14 | 274 | 9.1 | 3 | 16 | 1867 | 11.63 | 22 | 5 | ND | 4 | 16 | 1 |
| 2029 | 82 | 26824 | 20 | 349 | 14.6 | 4 | 25 | 1446 | 19.21 | 24 | 5 | ND | 5 | 5 | 3 |
| 2030 | 37 | 7220 | 11 | 108 | 5.9 | 9 | 120 | 1575 | 16.36 | 49 | 5 | ND | 3 | 11 | 1 |
| 2031 | 28 | 3139 | 24 | 115 | 1.7 | 7 | 119 | 859 | 30.27 | 284 | 5 | ND | 3 | 8 | 1 |
| 2032 | 87 | 1869 | 27 | 68 | 2.0 | 5 | 40 | 587 | 21.57 | 1083 | 5 | ND | 3 | 4 | 1 |
| 2033 | 66 | 125 | 20321 | 99999 | 23.9 | 180 | 7 | 1948 | 3.32 | 222 | 5 | ND | 16 | 211 | 778 |
| 2034 | 53 | 92 | 18863 | 99689 | 5.3 | 71 | 7 | 2046 | 3.78 | 98 | 5 | ND | 16 | 373 | 439 |
| 2035 | 50 | 116 | 10169 | 84514 | 4.1 | 82 | 7 | 1931 | 4.16 | 64 | 5 | ND | 11 | 450 | 218 |
| 2036 | 14 | 11014 | 134 | 989 | 1.6 | 10 | 23 | 678 | 41.51 | 65 | 5 | ND | 5 | 16 | 5 |
| 2037 | 1 | 767 | 254 | 1515 | 1.0 | 59 | 89 | 906 | 27.15 | 175 | 6 | ND | 4 | 79 | 5 |
| 2038 | 9 | 303 | 13 | 179 | .1 | 10 | 12 | 1504 | 4.79 | 8 | 5 | ND | 4 | 101 | 1 |
| 2039 | 7 | 1361 | 35 | 81 | 2.0 | 29 | 21 | 2854 | 25.32 | 401 | 5 | ND | 3 | 27 | 1 |
| 2040 | 20 | 738 | 546 | 2198 | 4.7 | 16 | 60 | 1918 | 26.73 | 277 | 5 | ND | 2 | 54 | 13 |
| 2041 | 580 | 5816 | 12 | 892 | 10.1 | 4 | 21 | 1202 | 20.11 | 25 | 5 | ND | 4 | 6 | 4 |
| 9066 | 12 | 712 | 2 | 110 | 1.4 | 34 | 9 | 937 | 1.94 | 88 | 5 | ND | 1 | 37 | 1 |
| 9067 | 13 | 8380 | 56 | 82 | 4.7 | 8 | 112 | 350 | 38.57 | 72 | 11 | ND | 4 | 2 | 1 |

| SAMPLE# | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 2 | 3 | 32 | .14 | .019 | 2 | 5 | .29 | 21 | .02 | 4 | .45 | .02 | .08 | 1 | 37 |
| 2025 | 5 | 3 | 39 | .16 | .001 | 2 | 7 | .59 | 11 | .01 | 4 | .75 | .01 | .04 | 1 | 18 |
| 2026 | 2 | 2 | 23 | 11.42 | .001 | 3 | 5 | .21 | 34 | .03 | 2 | .88 | .01 | .03 | 1 | 290 |
| 2027 | 2 | 2 | 46 | 3.19 | .001 | 2 | 10 | .54 | 12 | .02 | 6 | .99 | .01 | .05 | 35 | 935 |
| 2028 | 2 | 2 | 67 | 7.40 | .005 | 2 | 5 | .26 | 23 | .04 | 18 | .97 | .01 | .02 | 2 | 1120 |
| 2029 | 2 | 2 | 101 | 10.74 | .016 | 2 | 2 | .11 | 28 | .01 | 7 | .32 | .01 | .02 | 8 | 260 |
| 2030 | 2 | 2 | 53 | 3.81 | .004 | 3 | 9 | .50 | 18 | .05 | 2 | 1.44 | .01 | .02 | 10 | 190 |
| 2031 | 2 | 3 | 35 | .24 | .009 | 2 | 12 | .77 | 9 | .01 | 6 | 1.05 | .01 | .09 | 12 | 97 |
| 2032 | 2 | 3 | 68 | .06 | .019 | 3 | 15 | .64 | 14 | .01 | 2 | 1.09 | .01 | .04 | 2 | 210 |
| 2033 | 11 | 2 | 12 | 10.48 | .001 | 2 | 1 | 3.96 | 30 | .01 | 6 | .44 | .01 | .01 | 1 | 225 |
| 2034 | 2 | 6 | 32 | 11.87 | .005 | 3 | 9 | 3.41 | 65 | .01 | 3 | 1.23 | .01 | .02 | 1 | 92 |
| 2035 | 2 | 2 | 40 | 13.99 | .008 | 3 | 12 | 3.90 | 44 | .01 | 2 | 1.70 | .01 | .01 | 1 | 26 |
| 2036 | 8 | 2 | 18 | .33 | .001 | 3 | 16 | .42 | 9 | .02 | 15 | 1.65 | .01 | .05 | 1 | 63 |
| 2037 | 2 | 2 | 220 | 3.60 | .038 | 2 | 40 | .86 | 9 | .18 | 2 | .94 | .01 | .03 | 1 | 29 |
| 2038 | 2 | 2 | 44 | 13.97 | .030 | 2 | 6 | .07 | 38 | .08 | 2 | 1.06 | .08 | .04 | 6 | 8 |
| 2039 | 2 | 2 | 37 | 1.07 | .034 | 4 | 9 | .42 | 17 | .01 | 9 | 1.10 | .01 | .04 | 1 | 47 |
| 2040 | 11 | 2 | 21 | 1.61 | .014 | 2 | 7 | .32 | 15 | .01 | 2 | .51 | .01 | .03 | 1 | 78 |
| 2041 | 2 | 2 | 6 | 11.56 | .008 | 6 | 4 | .04 | 16 | .01 | 6 | .10 | .01 | .02 | 20 | 73 |
| 9066 | 3 | 2 | 20 | .88 | .036 | 3 | 19 | .46 | 57 | .04 | 3 | .72 | .05 | .08 | 1 | 69 |
| 9067 | 7 | 7 | 6 | .14 | .001 | 2 | 2 | .14 | 11 | .01 | 3 | .28 | .01 | .05 | 148 | 9 |

ASSAY REQUIRED FOR Cu, Pb >10,000 PPM
Zn >20,000 PPM
Ag >35 PPM

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 17 1987
DATE REPORT MAILED: Aug 22/87

# ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK

ASSAYER: ........ DEAN TOYE, CERTIFIED B.C. ASSAYER

BOOKOCHOFF PROJECT-VIKON File # 87-3351

| SAMPLE# | CU % | PB % | ZN % | AG OZ/T | AU OZ/T |
|---|---|---|---|---|---|
| F 4835 | .05 | .01 | .01 | .03 | .001 |
| F 4836 | .01 | .01 | .01 | .05 | .004 |
| F 4851 | .12 | .01 | .01 | .16 | .006 |
| F 4852 | .01 | .01 | .01 | .05 | .002 |
| F 4853 | .10 | .01 | .01 | .10 | .003 |
| F 4854 | .06 | .01 | .38 | .20 | .012 |
| F 9001 | .57 | .01 | .59 | .03 | .001 |
| F 9002 | .20 | .01 | .01 | .12 | .003 |
| F 9003 | .84 | .01 | .02 | .10 | .001 |
| F 9004 | 1.29 | .01 | .03 | .25 | .001 |
| F 9005 | .04 | .13 | 3.02 | .34 | .022 |

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PAN-CONC./SAND AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 4 1987 DATE REPORT MAILED: June 10/87 ASSAYER. . . . . . .DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF CONSULTANT PROJECT-VIKON File # 87-1583

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9151 (Pan-Conc.) | 14 | 7068✓ | 3367 | 318 | 222.5✓ | 255 | 58 | 766 | 35.80 | 133 | 5 | 1716 | 17 | 18 | 1 |
| 9152 (Sand) | 1 | 59 | 14 | 52 | .1 | 107 | 15 | 609 | 4.24 | 32 | 5 | ND | 2 | 21 | 1 |
| 9153 (Sand) | 1 | 117 | 18 | 56 | .1 | 125 | 18 | 547 | 4.22 | 50 | 5 | ND | 2 | 26 | 1 |

| SAMPLE# | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9151 (Pan-Conc.) | 19 | 2 | 524 | .80 | .055 | 27 | 749 | .38 | 57 | .13 | 11 | .36 | .01 | .04 | 1690✓ | 15100 |
| 9152 (Sand) | 2 | 2 | 68 | .86 | .035 | 7 | 105 | 2.17 | 87 | .08 | 8 | 1.74 | .05 | .09 | 5 | 225 |
| 9153 (Sand) | 2 | 7 | 72 | .83 | .049 | 7 | 117 | 2.24 | 104 | .10 | 3 | 1.67 | .05 | .09 | 3 | 10 |

✓ ASSAY REQUIRED FOR CORRECT RESULT -

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 26 1987 DATE REPORT MAILED: July 2/87 ASSAYER. ...DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF CONSULTANT PROJECT-VIKON File # 87-2025R Page 1

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4806 | 5 | 285 | 3805 | 3904 | 18.4 | 31 | 18 | 745 | 21.19 | 19331 | 5 | ND | 4 | 85 | 46 | 2 | 2 | 16 | 2.47 | .021 | 2 | 1 | .29 | 13 | .01 | 2 | .54 | .01 | .12 | 1 | 650 |
| 4807 | 1 | 1093 | 22 | 33 | .3 | 63 | 135 | 350 | 31.45 | 2 | 5 | ND | 5 | 24 | 1 | 2 | 2 | 55 | .47 | .063 | 6 | 25 | .86 | 10 | .18 | 2 | 1.18 | .05 | .08 | 1 | 4 |

APPENDIX II

Sample Description and Assays

| Sample No. | Width (m) | Location | Samp. Des. | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|
| *9151 | **N/A | Skeff Creek east edge of property | Panned sample | 15100 | 222.5 | 7068 | 3367 | 318 |
| *9152 | N/A | Near the same area as above | Sand about one pound | 225 | 0.1 | 59 | 14 | 52 |
| *9153 | N/A | Near July creek confluence outside of the property | Sand about one pound | 10 | 0.1 | 117 | 18 | 56 |
| 2024 | 1.5 | Vikon No. 1 showings Fig. 10 | 0.2m qtz. 0.5m mass. sulph. 0.8 m rusted Argillite | 37 | 1.0 | 923 | 8 | 7 |
| 2025 | N/A | Vikon No. 1 Fig. 10 | Grab shattered skarn outcrop | 18 | 1.2 | 4734 | 27 | 84 |
| 2026 | N/A | Vikon No. 1 Fig. 10 | same as above | 290 | 4.6 | 17075 | 13 | 186 |
| 2027a | 0.7 | Vikon No. 1 Fig. 10 | Channel mass. sulph. | 935 | 50.3 | 11981 | 36 | 371 |
| 2027b | 0.5 | same as above | channel massive sulphides | 178 | 11.3 | 13944 | 53 | 437 |

| Sample No. | Width (m) | Location | Samp. Des. | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|
| 2035 | 0.6 | " | chip, mass. sulphide | 26 | 4.1 | 116 | 10169 | 84514 |
| 2036 | 1.0 | " | same as above | 63 | 1.6 | 11014 | 134 | 989 |
| 2037 | N/A | Vikon No. 4 Fig. 13 | Grab, rusted cherty argill. | 29 | 1.0 | 767 | 254 | 1515 |
| 2038 | 2.0 | " | chip rusted argillite pyrite stringers | N.S. | N.S. | 303 | N.S. | 81 |
| 2039 | 0.6 | Vikon No. 2 Fig. 11 | chip, rusted argillite weakly skarnized | 47 | 2.0 | 1361 | 35 | 81 |
| 2040 | N/A | " | Grab same above | 78 | 4.7 | 738 | 546 | 2198 |
| 2041 | 0.5 | " | chip mass. sulph. | 73 | 10.1 | 5816 | 12 | 892 |
| 2051 | N/A | Vikon showing No. 1 Fig. 10 | Grab, rusted argillite with qtz. blebs and stringers plus sulph. | 3345 | 12.1 | 287 | 38 | 23 |
| 2052 | 1.0 | Vikon showing No. 2 Fig. 1 | Altered wall rock of 2051 | 17 | N.S. | 627 | 40 | 110 |
| 2053 | 0.5 | Vikon No. 3 Fig. 12 | porcellan type qtz. chalco blebs & stringers chip sample | 46 | 9.0 | 5142 | N.S. | 757 |

| Sample No. | Width (m) | Location | Samp. Des. | Au oz/t | Ag oz/t | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|
| 4854 | 2.0 | same as previous location | chip, porcell. type qtz., rusted | 0.012 | 0.20 | 0.06 | 0.01 | 0.38 |
| 9001 | 2.2 | " | skarn sulph. channel | 0.001 | 0.03 | 0.57 | 0.01 | 0.59 |
| 9002 | 1.0 | " | chip, skarn wall rocks | 0.003 | 0.12 | 0.20 | 0.01 | 0.01 |
| 9003 | 1.2 | " | chip, mass. sulph., skarn ore | 0.001 | 0.10 | 0.84 | 0.01 | 0.02 |
| 9004 | 1.0 | " | chip, mass. sulph., chalcopyrite | 0.001 | 0.25 | 1.29 | 0.01 | 0.03 |
| 9005 | N/A | Lonestar Road 600 NW 300 NE | Grab, mixed mass. sulph. rusted argill. | 0.022 | 0.34 | 0.04 | 0.13 | 3.02 |

* Skeff Creek area samples collected by R. Husband, B.Sc, geologist

** N.A. - Not Applicable

*** N.S. - Not Significant

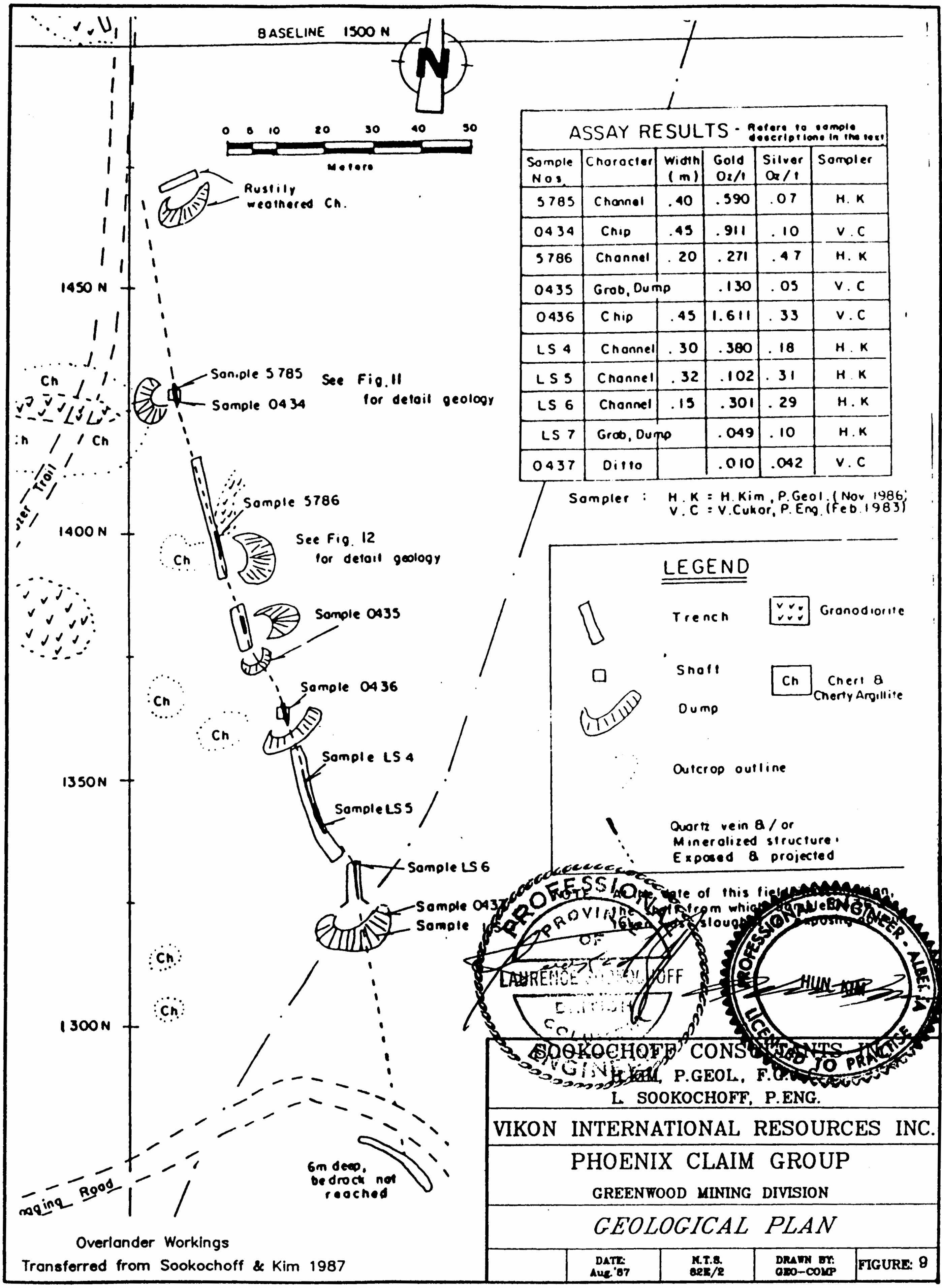
| Sample No. | Width (m) | Location | Samp. Des. | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | *** | |
| 2028 | 1.0 | Vikon No. 1 Fig. 10 | channel skarn sulph. | 1120 | 9.1 | 15813 | N.S. | N.S. |
| 2029a | 1.2 | " | channel skarn ore plus wall | 260 | 14.6 | 26824 | N.S. | N.S. |
| 2029b | 0.8 | " | channel skarn ore only | 730 | 39.9 | 50232 | N.S. | N.S. |
| 2030a | 1.0 | " | channel rusty argillite and sulph. | 190 | 5.9 | 7224 | N.S. | N.S. |
| 2030b | 1.2 | " | channel fully diluted | 69 | 4.6 | 6400 | 49 | 266 |
| 2031 | 0.6 | " | channel rusted shear | 97 | 1.7 | 3139 | N.S. | N.S. |
| 2032 | N/A | " | Grab, old trench rusted arg. and sulph. | 210 | 2.0 | 1869 | N.S. | N.S. |
| 2033 | 1.0 | " | chip gossan; hydrozincide | 225 | 23.9 | 125 | 20321 | 155067 |
| 2034a | 1.0 | " | same as above | 92 | 5.3 | 92 | 18863 | 99869 |

| Sample No. | Width (m) | Location | Samp. Des. | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|
| 2054 | N/A | 600 NW 525 NE | Grab rock rusted argill. on road | 17 | N.S. | 501 | N.S. | N.S. |
| 4802 | 2.5 | Vikon showing No. 1 Fig. 10 | rock sample channel rusted chert | N.S | N.S. | 1532 | N.S. | N.S. |
| 4806 | 0.5 | Vikon showing No. 5 Fig. 14 | massive sulph. argillite chip | 650 | 18.4 | 285 | 3805 | 18.4 |
| 4807 | 0.8 | 600 NW 550 NE | rock sample rusted argillite | N.S. | N.S. | 1093 | N.S. | N.S. |
| 4811 | 0.6 | Vikon No. 1 Fig. 10 | chip mass. heavy magnetics noted | 540 | 35.9 | 33555 | N.S. | 512 |
| 4812 | 1.0 | " | channel gossan, hydrozincide | 230 | 13.0 | 153 | 27901 | 99999 |
| 4813 | N/A | Vikon No. 3 Fig. 12 | Grab mass. sulph. from dump | 51 | 3.8 | 3528 | 4388 | 2061 |
| 4817 | N/A | Vikon showing No. 1 Fig. 10 | same as above | 2320 | 18.8 | 19803 | 75 | 227 |
| 9065 | N/A | Vikon #3 Fig. 12 | Rock samp. rusted argill. wall rock from dump | N.S | N.S. | 192 | N.S. | N.S. |

| Sample No. | Width (m) | Location | Samp. Des. | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|
| 9066 | N/A | Vikon #3 Fig. 12 | Grab from floor of trench, rusted argill. | 69 | 1.4 | 712 | N.S. | 110 |
| 9067 | N/A | Vikon #3 | Grab, dump massive magnetic, pyrrhotite, chalcopyrite | N.S. | 4.7 | 8380 | 56 | 82 |
| | | | **Assay Samples** | | | | | |
| 4835 | 4.0 | 600 NW 500 NE | rock chip sample, highly rusted chert | 0.001 | 0.03 | 0.05 | 0.01 | 0.01 |
| 4836 | 3.0 | 600 NW 600 NE | same as above | 0.004 | 0.05 | 0.01 | 0.01 | 0.01 |
| 4851 | 1.0 | Vikon #1 Fig. 10 | from new trench chip, rusted shear and sulph. | 0.006 | 0.16 | 0.12 | 0.01 | 0.01 |
| 4852 | 5.0 | " | chip, highly rusted sharpstone | 0.002 | 0.05 | 0.01 | 0.01 | 0.01 |
| 4853 | 5.0 | " | chip, rusted sharpstone conglomerate | 0.003 | 0.10 | 0.10 | 0.01 | 0.01 |

## APPENDIX III

## Geological Sketches - Showings




**ASSAY RESULTS** - Refers to sample descriptions in the text

| Sample Nos. | Character | Width (m) | Gold Oz/t | Silver Oz/t | Sampler |
|---|---|---|---|---|---|
| 5785 | Channel | .40 | .590 | .07 | H. K |
| 0434 | Chip | .45 | .911 | .10 | V. C |
| 5786 | Channel | .20 | .271 | .47 | H. K |
| 0435 | Grab, Dump | | .130 | .05 | V. C |
| 0436 | Chip | .45 | 1.611 | .33 | V. C |
| LS 4 | Channel | .30 | .380 | .18 | H. K |
| LS 5 | Channel | .32 | .102 | .31 | H. K |
| LS 6 | Channel | .15 | .301 | .29 | H. K |
| LS 7 | Grab, Dump | | .049 | .10 | H. K |
| 0437 | Ditto | | .010 | .042 | V. C |

Sampler : H. K = H. Kim, P. Geol. (Nov 1986)
V. C = V. Cukor, P. Eng. (Feb. 1983)

**LEGEND**

- Trench
- Shaft
- Dump
- Outcrop outline
- Quartz vein & / or Mineralized structure: Exposed & projected
- Granodiorite
- Ch — Chert & Cherty Argillite

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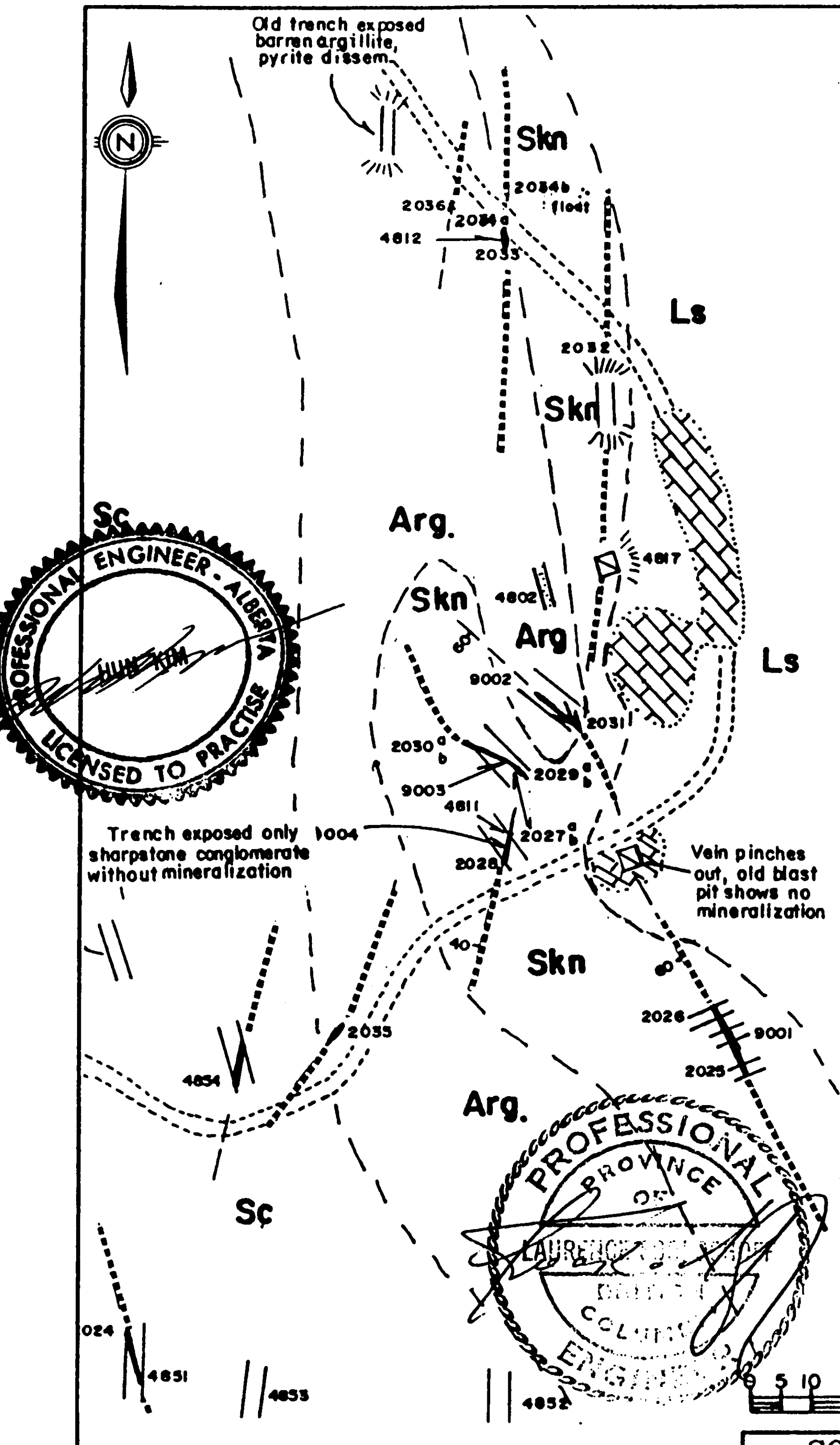
*GEOLOGICAL PLAN*

| | DATE: Aug.'87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 9 |
|---|---|---|---|---|




CONVERSION FACTORS :
1 oz/1on = 34.3 ppm = 34.3 g/ton = 34,000 ppb    1 % = 10,000 ppm

SAMPLING RESULTS (assayed by ACME Lab)

| Sample Nos. | Width m | Description | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|
| 2024 | 1.5 | Chip, 0.2 m Qtz 0.5m sulph, 0.8 arg. | 37 | 1.0 | 928 | [illegible] | 7 |
| 2025 | Grab | Skarn sulph. before trenching | 18 | 1.2 | 4743 | 27 | 84 |
| 2026 | Grab | Skarn sulph. before trenching | 290 | 4.6 | 17076 | 13 | 186 |
| 2027 a | 0.7 | Channel, massive sulph. | 955 | 30.3 | 11981 | 36 | 371 |
| 2028 | 1.0 | Channel, Skarn sulph. | 1120 | 9.1 | 15813 | 14 | 274 |
| 2029 a | 1.2 | Channel, Skarn sulph. | 260 | 14.6 | 28824 | 20 | 349 |
| 2029 b | 0.8 | Same as above | 730 | 39.9 | 50232 | 27 | 442 |
| 2027 b | 0.7 | Same as 2027 a except chip sample | 178 | 11.3 | 13944 | 54 | 437 |
| 2030 a | 1.0 | Channel, massive sulph. rusted argill. | 190 | 5.9 | 7224 | 11 | 108 |
| 2030 b | 1.2 | Same above more diluted | 69 | 4.6 | 6400 | 49 | 266 |
| 2031 | 0.6 | Channel rusted shear | 97 | 1.7 | 3139 | 24 | 115 |
| 2032 | Grab | from dump rusted arg & sulph. | 210 | 2.0 | 1869 | 27 | 68 |
| 2033 | 1.0 | Chip, gossan hydrozincide | 225 | 239 | 125 | 20321 | 135067 |
| 2034 a | 1.0 | Same as above | 92 | 53 | 92 | 18863 | 99689 |
| 2034 b | Grab | Float, minor Pyrite chalcopyrite | 29 | 1.8 | 5821 | 44 | 290 |
| 2035 | 0.6 | Chip, massive sulph., solid | 26 | 4.1 | 116 | 10169 | 84514 |
| 2036 | 1.0 | Chip, massive sulph. | 65 | 1.6 | 11014 | 134 | 989 |
| 4802 | 2.5 | Channel, highly rusted chert. | 2 | 0.6 | 1332 | 11 | 38 |
| 4811 | 0.6 | Chip, massive sulph., solid | 540 | 35.9 | 33885 | 27 | 512 |
| 4812 | 1.0 | Channel, gossan, hydrozincide | 230 | 13.0 | 153 | 27901 | 99999 |
| 4817 | Grab | Massive sulph rich py, chalc -pyrite | 2320 | 18.8 | 19803 | 75 | 227 |

| SAMPLE | Width | DESCRIPTION | Au oz/t | Ag oz/t | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|
| 4851 | 1.0 | Chip, rusted shear, pyrite | 0.006 | 0.16 | 0.12 | 0.01 | 0.01 |
| 4852 | 5.0 | Chip, rusted sharpstone cgl | 0.002 | 0.05 | 0.01 | 0.01 | 0.01 |
| 4853 | 5.0 | Same as above | 0.003 | 0.10 | 0.10 | 0.81 | 0.01 |
| 4854 | 2.0 | Chip, porcellain type Qtz | 0.012 | 0.20 | 0.06 | 0.01 | 0.38 |
| 9001 | [illegible] | Channel, skarn sulph. | 0.001 | 0.03 | 0.57 | 0.01 | 0.01 |
| 9002 | 1.0 | Chip, skarnized argillite | 0.003 | 0.12 | 0.20 | 0.01 | 0.01 |
| 9003 | 1.2 | Chip, massive sulph. in skarn | 0.001 | 0.10 | 0.84 | 0.01 | 0.02 |
| 9004 | 1.0 | Chip, massive sulph. | 0.001 | 0.25 | 1.29 | 0.01 | 0.03 |

0 5 10 20 30 40 50 60 70 80 90 100
METERS

## LEGEND

- Ls — Limestone
- Arg — Argillite to Cherty Argillite
- Sc — Sharpstone conglomerate
- Skn — Skarn
- Geological contact
- Mineralization, defined & extrapolated
- New trench (1987)
- Old trench & dump
- Old blast pit, 2-5 m deep
- Bulldozer trail
- 2029 a, 4817, 9001 — Sample numbers

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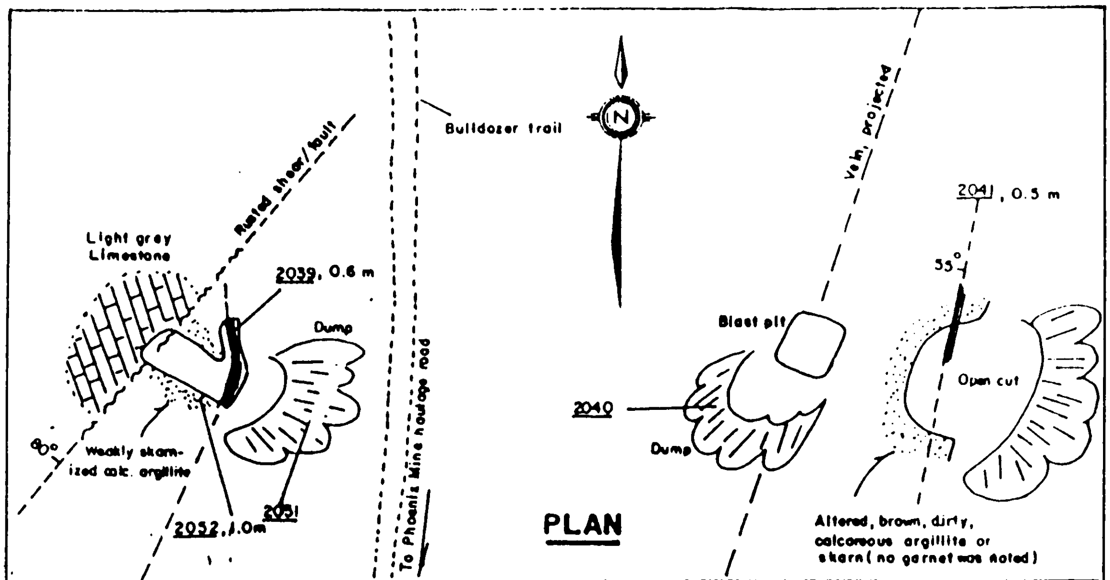
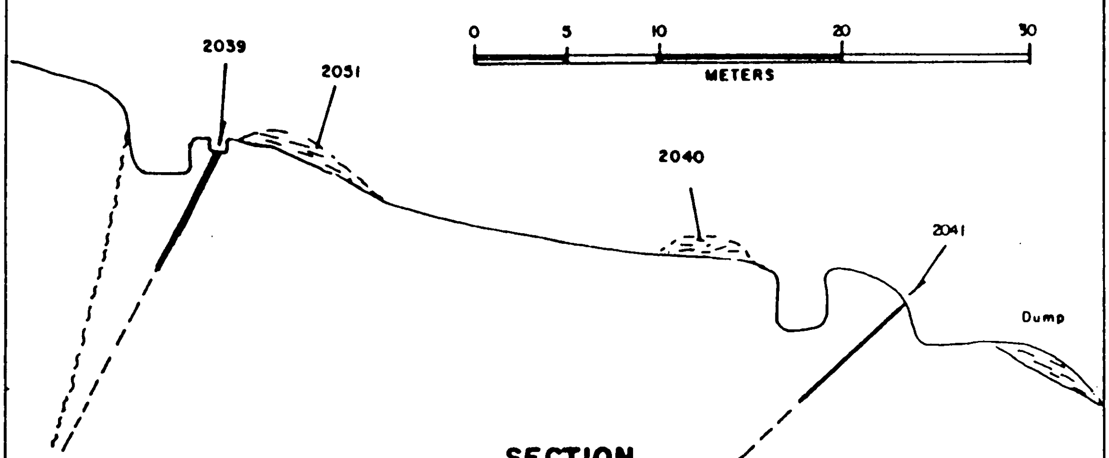
*GEOLOGICAL PLAN*

VIKON SHOWING NO. 1

| DATE: Aug.'87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 10 |
|---|---|---|---|




## PLAN



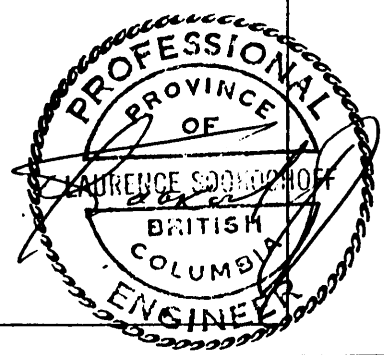

## SECTION

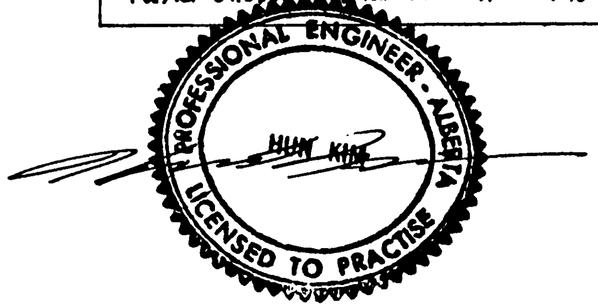
## SAMPLING RESULTS

| Sample Nos. | Width m | DESCRIPTION | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|
| 2039 | 0.6 | Chip, rusted argillite weakly skarnized, with strings. | 47 | 2.0 | 1361 | 55 | 81 |
| 2040 | Grab | Skarnized argillite & sulph. | 78 | 4.7 | 738 | 546 | 2198 |
| 2041 | 0.5 | Chip, massive sulphides | 73 | 10.1 | 5816 | 12 | 892 |
| 2051 | Grab | Rusted argillite Qtz vein materials with rich sulph. | 3345 | 12.1 | 287 | 38 | 23 |
| 2052 | 1.0 | Chip, wall rock skarnized | 17 | 0.6 | 627 | 40 | 110 |

CONVERSION FACTOR :

1 oz/ton = 34.3 ppm = 34 g/ton = 34 300 ppb    1 % = 10,000 ppm

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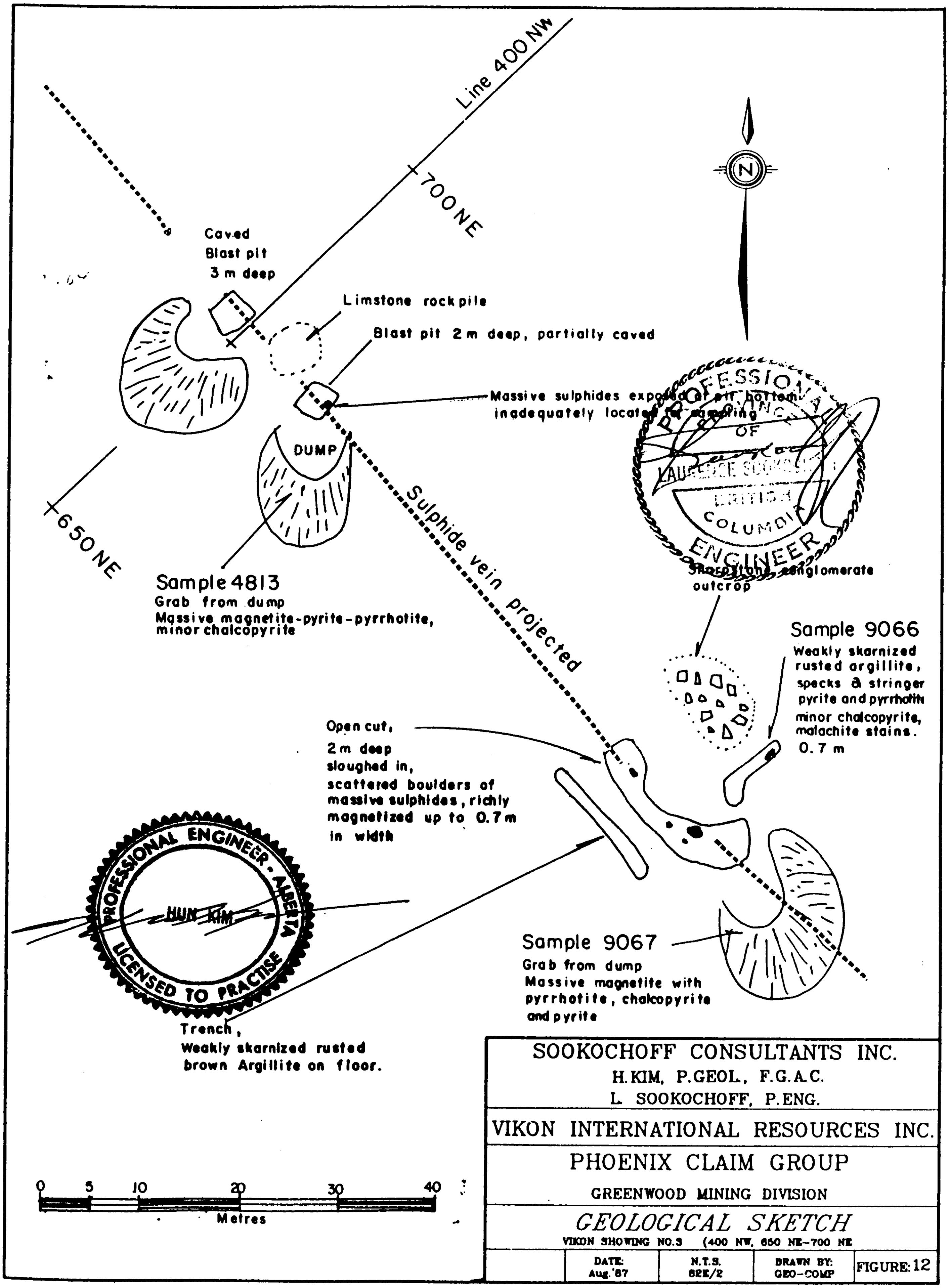
*GEOLOGICAL SKETCH*

VIKON SHOWING NO. 2

| DATE: | N.T.S. | DRAWN BY: | FIGURE: 11 |
|---|---|---|---|
| Aug.'87 | 82E/2 | GEO-COMP | |

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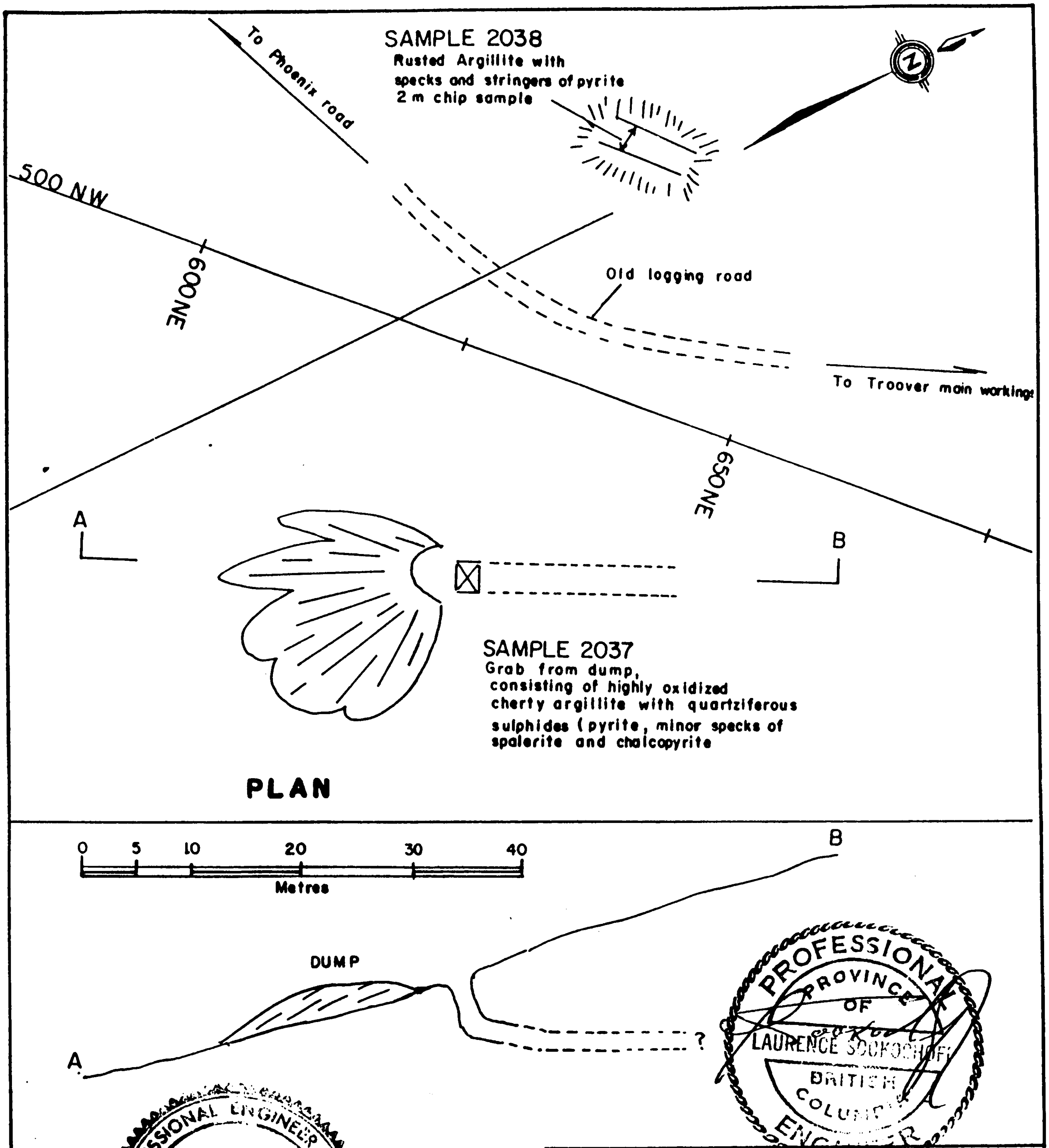
*GEOLOGICAL SKETCH*

VIKON SHOWING NO.3 (400 NW, 650 NE–700 NE

| DATE: Aug.'87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 12 |
|---|---|---|---|

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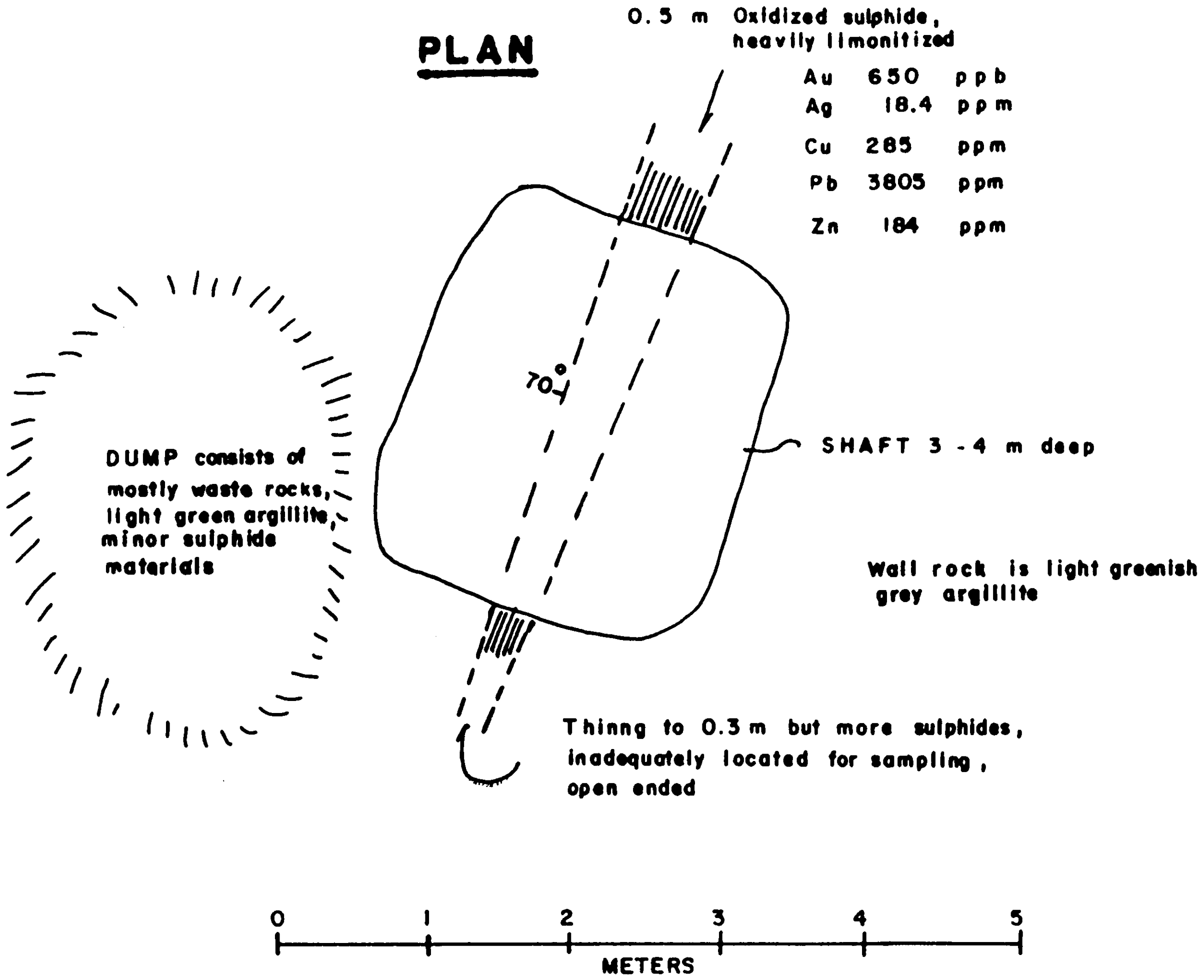
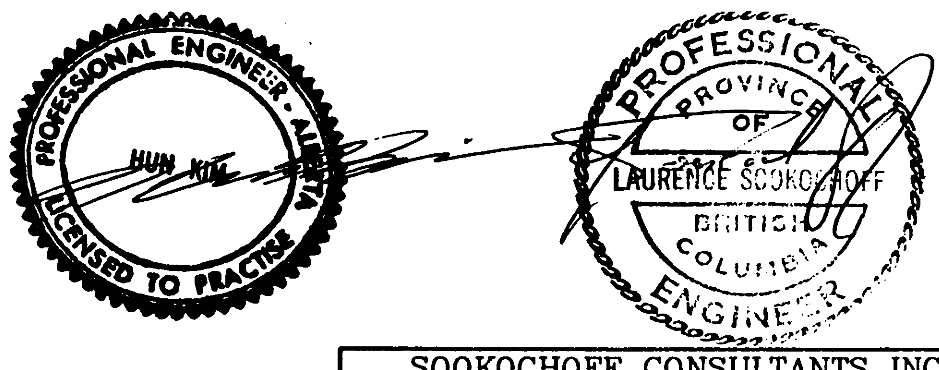
*GEOLOGICAL SKETCH*

VIKON SHOWING NO. 4 (500 NW, 600 NE-650 NE)

| | | | |
|---|---|---|---|
| DATE: Aug. '87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 13 |




| | | | |
|---|---|---|---|
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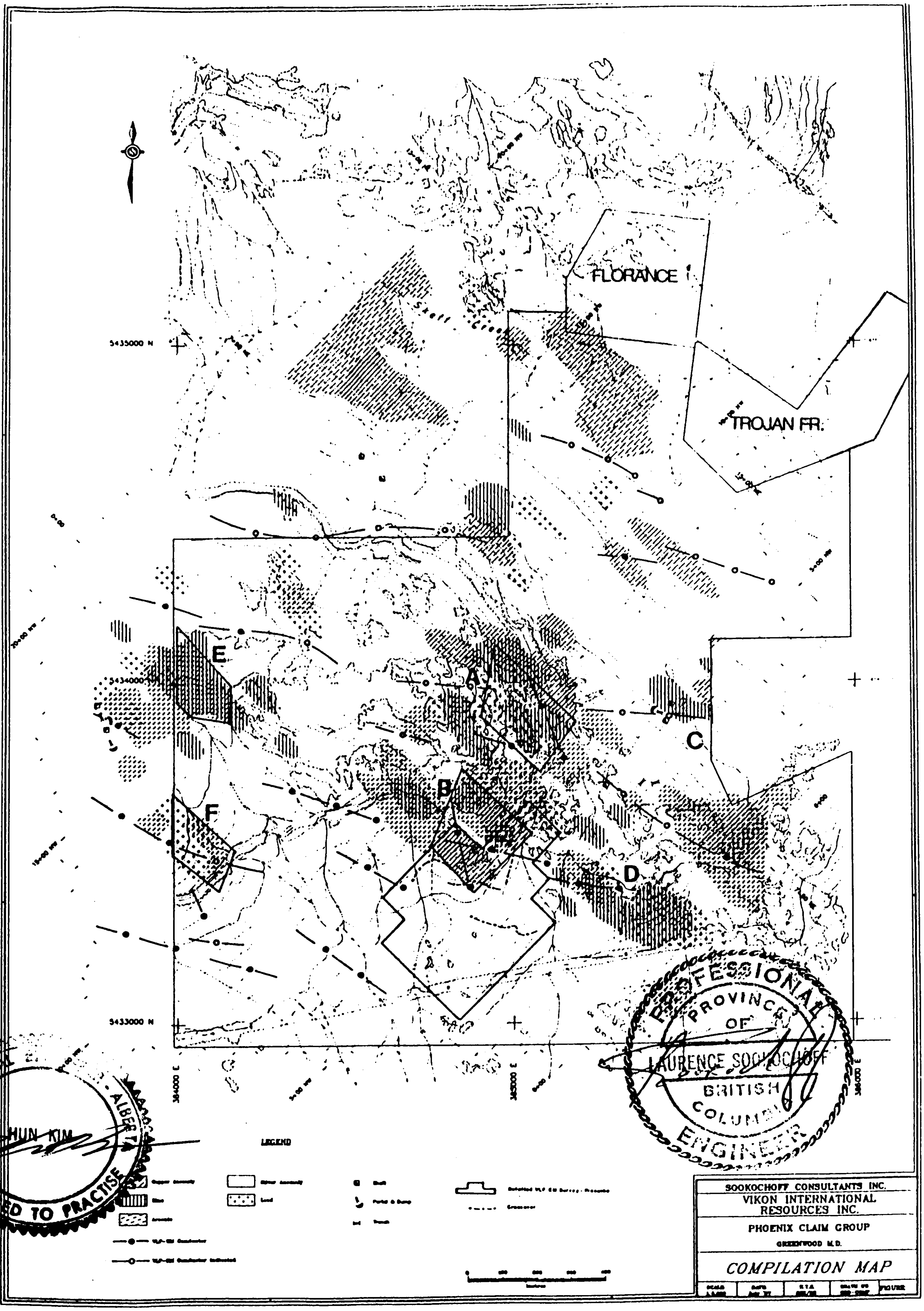
| PHOENIX CLAIM GROUP<br>GREENWOOD MINING DIVISION | | | |
| *GEOLOGICAL SKETCH*<br>VIKON SHOWING NO. 6 (shaft 600 NW) | | | |
| DATE: Aug.'87 | N.T.S. 82E/2 | DRAWN BY: GEO-COMP | FIGURE: 14 |


FLORANCE
TROJAN FR.
A
B
C
D
E
F
5435000 N
5434000 N
5433000 N
384000 E
385000 E
386000 E
LEGEND
PROFESSIONAL
PROVINCE OF
LAURENCE SOOKOCHOFF
BRITISH
COLUMBIA
ENGINEER
PROFESSIONAL
ALBERTA
HUN KIM
LICENSED TO PRACTISE
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GREENWOOD M.D.
COMPILATION MAP
FIGURE