GEOCHEMICAL SURVEY OF THE MOSQUITO CLAIM, OMINECA MINING DIVISION, B.C.

Claim:

MOSQUITO (15 units)

Record No.: 3914

NTS:

93E/15E

Latitude: 53° 57' N

Longitude: 126° 33' W

Owner and Operator: UNION CARBIDE CANADA LTD.

Report Prepared By: N.G. Cawthorn

Date Submitted: 8th June 1982

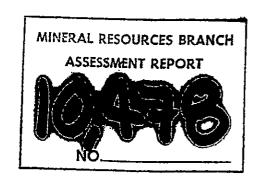


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Geochemical Survey of the Mosquito Claim, Omineca Mining Division, B.C.

INTRODUCTION

The Mosquito Claim (15 units) was staked by Pavel Mazacek on behalf of Union Carbide Canada Ltd. in July 1981. A soil geochemistry survey was subsequently carried out over the claim. The costs of the geochemical programme are set out in the itemized cost statement in Appendix 1.

LOCATION AND ACCESS

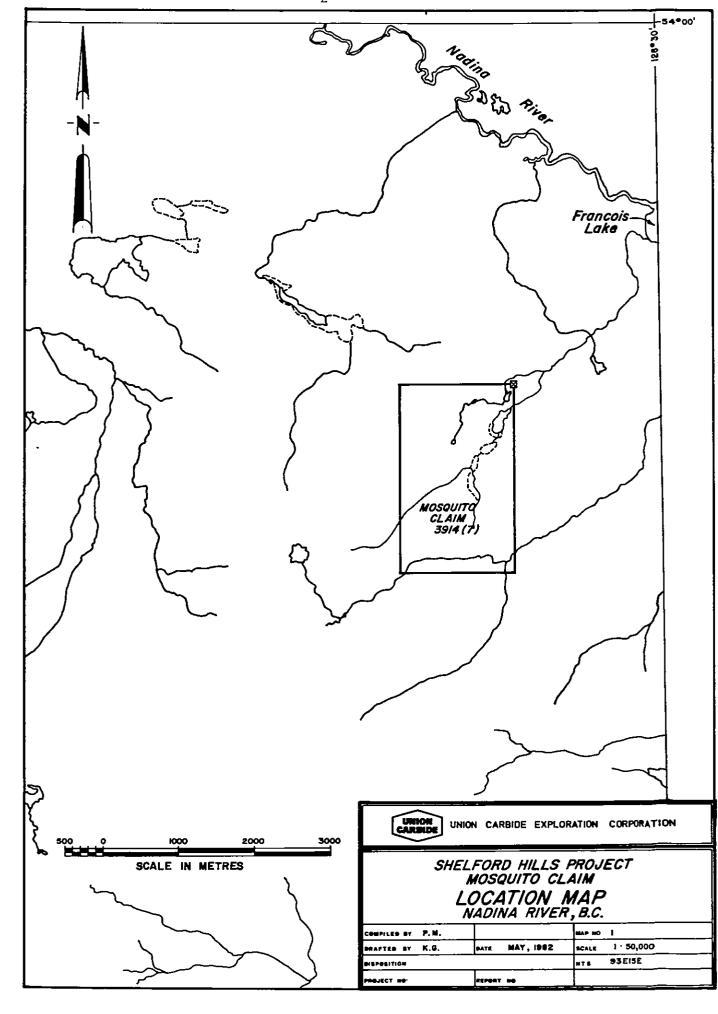
The Mosquito Claim is located in Central British Columbia approximately 50 km south of the town of Houston and approximately 4 km south-west of the western end of François Lake.

Access to the property is by a good all-weather gravel road from Houston to Francois Lake and then by $5\ \mathrm{km}$ of seasonal logging roads into the property.

The location of the claim is shown on Map 1.

PHYSIOGRAPHY

The property is located on the north-eastern flank of the Shelford Hills — a range of broad rolling hills which attain elevations of approximately 1500 m. Topography within the claim is gentle with elevations ranging from 880 m in the northern part of the claim to 1000 m in the south. The property is drained by two streams which flow north-easterly into Francois Lake. There is dense forest cover of fir, spruce and pine with thick underbrush throughout the claim.



CLAIM DATA

Claim Name:

Mosquito

Mining Division:

Omineca

NTS:

93E/15E

Latitude and longitude:

53° 57' N, 126° 33' W

Number of Units:

15

Record No.:

3914

Date Recorded:

7th. July 1981

Expiry Date:

6th. July 1982

Owner / Operator:

Union Carbide Canada Ltd.

HISTORY

The claim was staked in July 1981 over a hydrothermal alteration zone in volcanic rocks of the Upper Cretaceous to Oligocene age Ootsa Lake Group. The alteration zone was found during the course of a reconnaissance programme carried out by Union Carbide in the Shelford Hills area in the summer of 1981. Prior to location the claim, a total of 40 soil samples were collected in the immediate vicinity of the alteration zone (samples 1S to 40S) as well as a few scattered rock samples and stream sediment heavy mineral concentrates. The analytical results of these samples are also shown on the maps and are referred to in the report although the costs associated with this sampling are not submitted for assessment purposes.

SCOPE OF PRESENT WORK

Dense forest cover throughout the claim prevented detailed geological mapping. A soil geochemical survey was carried out over the claim to attempt to define the extent of the hydrothermal alteration zone and to detect any zone of precious and/or base metals associated with the hydrothermal zone.

GEOLOGY

As shown on GSC Map 1064A (Whitesail Lake Sheet) the Shelford Hills are underlain mainly by the Jurassic Age Hazelton Group which is comprised of breccia, tuff, andesite, dacite, rhyolite, basalt, argillite, greywacke, chert, conglomerate, and minor limestone. The Hazelton Group rocks are intruded by occasional granodiorite, quart diorite, diorite and granite stocks. The Hazelton Group is overlain to the north-east by rocks of the Upper Cretaceous to Oligocene Age Ootsa Lake Group which is comprised of rhyolite, dacite, andesite and basalt with associated tuffs and breccia and minor conglomerate.

Within the area of the claim, except for a few small outcrops of feldspar porphyry of intermediate composition in the extreme southern part of the claim, exposure is limited to a 300 m by 400 m area of altered volcanic rocks uncovered in a gravel pit (this area is outlined on the geochemical maps). This is seen to be a creamy white to orange feldsparhornblende-biotite-quartz rhyodacite porphyry. This has been hydrothermally altered and the alteration is predominantly kaolinite, sericite and limonite with manganese staining. Pyrite was occasionally seen along fractures and as rare disseminations but often appears to have decomposed to limonite. The presence of several quartz porphyry boulders indicates the possible presence of an acid intrusive in the vicinity.

SOIL GEOCHEMISTRY

A systematic soil sampling programme was carried out over the property. A total of 354 soil samples were collected on 12 east-west oriented lines. The sample interval was 50 m and the lines were spaced 200 m apart. The lines and sample positions were located by tape and compass. The samples

were numbered 1 to 354 and the locations are shown on Map 2 (also shown on the location and analytical maps are a further 40 soil samples - numbered 1S to 40S - in the immediate area of the exposure of altered volcanics and a few scattered rock and heavy mineral concentrate analyses, but these were collected prior to location of the claim and are not submitted for assessment purposes). All the soil samples were collected from 'B' horizon soils at depths of 15 to 25 cm with the exception of a few samples collected within the area of exposure of the alteration zone (area outlined on the maps) which were collected from the few remaining centimetres of 'C' horizon material, and the samples collected from the swamp area west of the exposed alteration zone (swamp area also outlined on the maps) which were of humus rich material and were collected from depths of 30 to 50 cm. Analyses of the soil samples were carried out by Vangeochem Lab Ltd. of North Vancouver. The samples were analysed by atomic absorption methods for gold, silver, copper, lead, zinc, molybdenum and mercury and by colorimetric methods for arsenic. The details of the sample preparation and analytical methods are set out in Appendix 2. The analytical results are presented in Maps 3 to 9 with each element being presented on a separate map except for gold and meroury which are presented together. The analytical results are also tabulated in Appendix 3.

Only 18 of the gold analyses exceeded the detection limit of 10 ppb Au with the maximum being 40 ppb (although a previously collected sample immediately east of the exposed alteration zone yielded an analysis of 50 ppb) and no distinct anomalous zone was defined.

Silver values range from less than 0.1 ppm Ag to 0.6 ppm but do not define any consistent pattern.

Arsenic values range from 2 ppm As to 20 ppm and together with previous sampling over the exposed area of the alteration which returned values of up

to 60 ppm As these define a broad zone of high arsenic values centred on the exposed alteration zone extending north-eastwards to the claim boundary. The arsenic analytical results presented on Map 5 have been contoured at 10 ppm intervals and define the zone of high arsenic values.

Apart from an isolated value of 116 ppm Cu from the swamp area immediately west of the exposed alteration zone the copper values range from 2 to 57 ppm but do not define any consistent pattern.

The lead values range from 4 to 48 ppm Pb, this highest value being from a sample collected immediately east of the exposed alteration zone, but otherwise do not define any consistent pattern.

The zinc values range from 8 to 358 ppm Zn. The results indicate a diffuse area of high zinc values centred around the exposed alteration zone.

The molybdenum values range from less than 1 ppm Mo to 2 ppm and do not define any pattern.

The mercury values range from 15 ppb Hg to 160 ppb and define the clearest anomalous zone. This zone is some 200 m in width and at least 1000 m in length (north to south). The anomalous zone is centred on the exposed area of alteration in the north but also extends for some 700 m south from the exposed alteration. There is also some indication that this zone may extend north-eastwards for a further 300 m. A few other scattered high mercury values occur elsewhere on the claim.

CONCLUSIONS

High mercury, arsenic, and to a lesser extent zinc values are associated with an exposed area of hydrothermally altered rhyodacitic volcanics. The high mercury and arsenic values define a zone some 200 to 300 m wide and up to 1500 m in total length extending both southwards and north-eastwards from the exposed area of alteration. This indicates possible hidden extensions

of the alteration zone in these directions. Similar alteration zones are known to be associated with precious and base metal deposits in Hazelton and Ootsa Lake Group volcanics elsewhere in the region (for example the New Nadina Resources deposit at Owen Lake and the Equity Silver Mine at Goosly Lake). Previous sampling has indicated some high gold values associated with the Mosquito alteration zone — 1870 ppb Au in a stream sediment heavy mineral concentrate from a small stream draining the alteration zone and 140 ppb Au from a rock sample from a quartz boulder in the area.

The presence of a hydrothermal alteration zone of possibly up to 1500 m in length, as indicated by the soil geochemistry, in intermediate to acid volcanic rocks and with indications of associated high gold values makes the Mosquito claim a worthy target for further exploration and detailed investigation.

REFERENCES

G.S.C. Map 1064A; "Whitesail Lake", Scale 1:253,440, S. Duffell, 1958

STATEMENT OF QUALIFICATION OF AUTHOR

NIGEL G. CAWTHORN: Graduated from Aberdeen University, Aberdeen, Scotland with B. Sc. Degree (Honours) in Geology in June 1970.

Graduated from the University of British Columbia,

Vancouver, B.C. with M. Sc. Degree in Geology in September 1973

Experience:

- 1973 1975: Resident Geologist, Canada Tungsten Mining Corp., Tungsten, N.W.T.

 Duties included exploration within the mine area, drill supervision, geological mapping, grade control and other duties of
 mine geologist in operating tungsten mine.
- 1975 1978: Project Geologist, Union Carbide Exploration Corp., Brazil.

 Duties included geological mapping and supervising geochemical,
 geophysical and drilling programmes related primarily to tungsten
 exploration in north-eastern Brazil.
- 1978 1981: Project Geologist, Union Carbide Exploration Corp., United Kingdom.

 Duties included geological mapping and carrying out geochemical
 and geophysical reconnaissance programmes related primarily
 to tungsten exploration in south-west England and other areas
 of the United Kingdom.
- 1981 Present: Project Geologist, Union Carbide Exploration Corp., Canada.

 Duties include carrying out exploration programmes in British

 Columbia and other areas.

APPENDIX 1

ITEMIZED COST STATEMENT

STATEMENT OF EXPENDITURE

MOSQUITO CLAIM - 1981

Mosquito Claim (Record No. 3914), Omineca Mining Division, NTS 93E/15E

Salaries:

| Senior Field Assistant (P. Shier) - 10 days @ \$73 / day, August 21st to 27th and August 29th to 31st, 1981. Junior Field Assistant (C. Poloni) - 10 days @ \$56 / day, August 21st to 27th and August 29th to 31st, 1981. | \$ 730.00 _560.00 | \$1,290.00 |
|---|----------------------|------------|
| Food and Accomodation: | | |
| Two men for 10 days @ \$30.00 per man per day, August 21st to 27th and August 29th to 31st. | 600.00 | 600.00 |
| Transportation: | | |
| C. Poloni, travel Vancouver-Smithers, August 20th. Vehicle rental, 10 days @ \$27.25 / day, August 21st | 110.15 | |
| to 27th and August 29th to 31st. | 272.50 | |
| Gasoline August 21st to 27th and August 29th to 31st. | 145.65 | 528.30 |
| Geochemical Analyses: | | |
| 354 samples - sample preparation @ 2.25 per sample - analyses for Mo, Cu, Pb, Zn, Ag, & Au | 796.50 | |
| @ \$11.00 per sample | 3,894.00 | |
| - analyses for Hg @ \$3.50 per sample | 1,239.00 | 5,929.50 |
| | | |

TOTAL EXPENDITURE

\$8,347.80

APPENDIX 2

GEOCHEMISTRY - SAMPLE PREPARATION AND ANALYTICAL METHODS

986-5211
VANGEOCHEIT LAB LTD. 1521 PEMBERTON AVE., NORTH VALOCULAR B.C., CANADA 904-XXXXXXXX

June 1, 1982

To:

Union Carbide Exoloration Suite 930 - 800 W. Pender St. Vanc ouver, B.C. V6C 2V6

- RE^------- ^{JUN} - 3 1982

From:

Vangeochem Lab Ltd. 1521 Pemberton Avenue North Vancouver, B.C. V7P 2S3

Subject: Analytical procedure used to determine Aqua Regia soluble gold in geochemical samples.

Project: 1981 Mineral Exploration

Method of Sample Preparation

- (a) Geochemical soil, silt of rock samples were received in the laboratory in wet-strength 4 x 6 Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100 mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 5.00 10.00 grams of the minus 80-mesh samples were used. Samples were weighed out by using a top-loading balance into beakers.
- (b) 20 ml of Aqua Regia (3:1 HCL: HNO3) were used to digest the samples over a hot plate vigorously.
- (c) The digested samples were filtered and the washed pulps were discarded and the filtrate was reduced to about 5 ml.
- (d) The Au comples ions were extracted into dissobuty1 ketone and thiourea medium. (Anion exchange liquids "Aliquot 336").

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(e) Separate Funnels were used to separate the organic layer.

3. Method of Detection

The gold analyses were detected by using a Techtron model AA5
Atomic Absorption Spectrophotometer with a gold hollow cathode
Lamp. The results were read out on a strip chart recorder. A
hydrogen lamp was used to correct any background interferences.
The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and his laboratory staff.

Eddie Tang

VANGEOCHEM LAB LID.

ET: j1



986-5211

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA

R, B.C., CANADA 604-988XXXXX

June 1, 1982

TO:

Union Carbide Exploration Suite 930 - 800 W. Pender St. Vancouver, B.C. .V6C 2V6

FROM:

Vangeochem Lab Ltd. 1521 Pemberton Ave. North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble

Mo, Cu, Pb, Zn, & Ag in geochemical silt, lake sediments, soil and rock samples.

Project: 1981 Mineral Exploration

1. Sample Preparation

- (a) Geochemical soil, lake sediments, silt or rock samples were received in the laboratory in wet-strength 3½ x 6½ Kraft paper bags and rock samples in 4" x 6" Kraft paper bags.
- (b) The wet samples were dried in a ventilated over.
- (c) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

Methods of Digestion

- (a) 0.50 gram of the minus 80-mesh samples was used. Samples were weighed out by using a top-loading balance.
- (b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively).

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(c) The Digested samples were duluted with demineralized water and aluminum nitrate solution to a fixed volume and shaken.

3. Method of Analysis

Mo, Cu, Pb. Zn & Ag analyses were determined by using a Techtron Atomic Absorption Spectrophotometer Model AA4 or Model AA5 with their respective hollow cathode lamps. The digested samples were aspirated directly into an air and acetylene flame, but Mo digestion were aspirated into an acetylene and nitrous flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the atomic absorption unit and displayed in a strip chart recorder.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and laboratory staff.

Eddie Tang

VANGEOCHEM LAB LAD.

986-5211

YANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 604-XXXXXXXX

V7P 2S3

June 1, 1982

TO:

Union Carbide Exploration Suite 930 - 800 W. Pender St. Vancouver, B.C. V6C 2V6

FROM:

Vangeochem Lab Ltd. 1521 Pemberton Ave. North V ncouver, B.C. V7P 2S3

SUBJECT:

Analytical procedure used to determine hot acid soluble arsenic in geochemical silt, soil, lake sediments and rock samples.

Project: 1981 Mineral Exploration

1. Sample Preparation

- (a) Geochemical soil, silt, lake sediments or rock samples were received in the laboratory in wet-strength 3½ x 6½ Kraft paper bags and rock samples in 4" x 6" Kraft paper bags.
- (b) The wet samples were dried in a ventilated oven.
- (c) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a nwq bag for analysis later.
- (d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

Method of Digestion

- (a) 0.25 gram of the minus 80-mesh sample was used. Samples were weighed out by using a top-loading balance.
- (b) Samples were heated in a sand bath with concentrated perchloric acid (70 72% HCLO4 by weight) at a medium heat for four hours.
- (c) The digested samples were diluted with demineralized water.

3. Method of Analysis

- (a) Potassium iodide and stannous chloride in HCL were added to the digested samples.
- (b) Zinc metal was introduced and the arsenic in solution was gassed off as arsene through a glass wool scrubber plug saturated with lead acetate and into a solution of silver diethyldithiocarbamate in chloroform with 1-ephedrine, forming a red complex with the silver diethyldithiocarbamate.
- (c) The concentration of the arsenic was determined colorimetrically by comparing the intensity of the color of the red complex with a set of known standards prepared in a similar fashion as the samples.
- 4. The analyses were supervised or determined by Mr. Eddie Tang or Mr. Conway Chun and their laboratory staff.

Eddie Tang

VANGEOCHEM LAB LTD.



VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 604-588XXXXX

V7P 2S3

June 1, 1982

To:

Union Carbide Exploration Suite 930 - 800 W. Pender St. Vancouver. B.C.

V6C 2V6

From:

Vangeochem Lab Ltd. 1521 Pemberton Ave. North Vancouver, B.C. V7P 2S3

Subject:

Analytical procedure used to determine Aqua Regia soluble Hg vapour in geochemical samples.

Project: 1981 Mineral Exploration

Method of Sample Preparations

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4 x 6 Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new coin envelope for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 0.50 gram samples of the minus 80- mesh fraction were weighed out by using a top-loading balance into the test tubes.
- (b) The samples were digested with aqua-regia in a hot water bath for an hour.
- (c) The samples were shaken and diluted with demineralized water to a fixed volume settled.

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Method of Analysis

- (a) An aliquot of the disested samples were mixed with H2SO4 acid, NaCl, & hydroxylamine sulphate-stannous sulfate as the reductant.
- (b) The vapour of the mixture was then drawn into the absorption cell and the Hg'vapour was detected by the Techtron model AA-5 atomic absorption spectrophotometer.
- (c) The results were recorded on a strip chart recorder. The concentration were calculated in parts per billion by comparing with a set of Hg vapour atandards.
- 4. The analyses were supervised or determined by Mr. Eddie Tang or Mr. Conway Chun and their laboratory staff.

Eddie Tang

Vangeochem Lab Lyd.

ET:jl

APPENDIX 3

SOIL GEOCHEMISTRY - ANALYTICAL RESULTS



TELEPHONE: 986-5211

AREA CODE: 604

Certificate of Geochemical Analyses

·SE; P Specialising in Trace Elements Analyses •

-IN ACCOUNT WITH-

Union Carbide Exploration Suite 930 - 800 W. Pender Street Vencouver, B.C. VCC 2VE

Report No: **81-93-045**

Page 1

Samples Arrived:

September 2, 1981

For Project:

Report Completed: September 30, 1981

Analyst:

E.T. & VCC Staff

Inveige: 6524 <u>Jab # 21-294</u>

| | farking | | Cit | Pb | Zn. | Ag | As | Hg : | Au |
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REMARKS:

Signed:

nd = none detected

pom = parts per million.



TELEPHONE: 986-5211

AREA CODE: 604

Certificate of Geochemical Analyses

• Specialising in Trace Elements Analyses •

-IN ACCOUNT WITH-

Union Carbide Explroration

Attention:

Report No:

81-93-045

of 10 Page 2

Samples Arrived:

. Report Completed:

For Project:

Analyst:

| Sample | Marking | No | Cat | Pb | Za | Ag | Eg | As | Au |
|--|---------------------------------------|--------------|-------------|-------------|------|--------------|----------------|------|-----------------|
| | | PP= | ppm | ppe | ррш | 900 | ppb | pptt | ppb |
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| Mensen and a | 1 | nd | 5 | 5 | 24 | | 30 | 2 | 10 |
| | 2 | | 24 | | | 3.0.1 | 32.25 | | 24 |
| 4 | 3 | nd | 11 | 10 | 50 | | 35 | | |
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| 4 | 5 | 1 | 10 | | 67 | nd | 30 | | nd |
| 4 | | nd | 7 | | 21 | | 25 | 4 | nd |
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| 4 | | nd | 10 | 11 | . 22 | ≥ d | 25 | | nd |
| | _ | nd | | 11 | 45 | 0.1 | 30 | 4 | 10 |
| 5(| | 1 | 7 | | 24 | nd | 30 | 2 | nd |
| 5 | | | 69 | 16 | 68 | 0.1 | 90 | 10 | 10 |
| The state of the s | | 1 | 20 | 6 | 20 | 0.5 | 155 | 2 | nd |
| عدان وياسيوها المعا 53 | | ad 📜 | <u>*</u> | 7 | 19 | 0.1 | 55 | 4 | nd |
| 54 | 1 | 1 | 10 | 12 | 143 | 0.1 | 35 | 4 | nd |
| | | nd | 10 | 11 | 109 | nd | 30 | 10 | 10 |
| 55 | | nd | 9 | 8 | 49 | nd | 25 | 2 | nd |
| 5 0 | | nd | 12 | 8 | 91 | 0.1 | 50 | 2 | nd |
| · 4.14.24 . ## | | ad , | ` 17 | 11 | 125 | 0.2 | 40 | 2 | nd |
| 58 | | nd | 10 | 10 | 90 | 0.1 | 35 | 2 | nd |
| | | nd | 11 | | 57 | nd | 60 | 2 | nd |
| 60 | | 1 | 17 | 12 | 48 | 0.3 | 65 | 2 | |
| 61 | | 1 | 14 | 13 | 136 | 0.1 | 1 | | 10 |
| 62 | STANDING TO | nd . | 4.6 | 4 | 30 | | 45 | 4 | nd |
| 63 | 3 | ī | 7 | 7 | 30 | 0.1 | . 20 | 2 | 20 |
| 64 | | _nd_ | ; | | | 0.1 | 25 | 4 | 10 |
| 65 | | 1 | - | | 34 | | 15 | 4 | _10 |
| 46 | | i | 12 | | 32 | ad | 25 | 4 | nd |
| 17 67 | | | | 10 | 117 | ₽ď | 20 | 4 | nd |
| 68 | · · · · · · · · · · · · · · · · · · · | | | 10 | 22 | ag 0.2 | <u>.:</u> :150 | 2 | nd . |
| | | nd | 28 | 14 | 51 | 0.5 | 115 | 2 | nd |
| 70 | | | 13 | | 26 | 0.2 | 85 | 2 | nd |
| 70 | 2 30 | 1 1 | 7 | • | 45 | nd | 25 | 4 | nd |
| The second secon | 10000000000 | | 15 | 15 | 95 | md | 35 | 2 | 10 |
| | | | - | ا 10 | 98 | nd . | 3:45 | 16 | |
| 73 | | 1 | 8 | • 1 | 32 | nd " | 30 | 4 | nd , |
| 74 | | | 10 | | 54 | - 24 | 30 | Ā | _nd |
| 75 | .5.11 | nd | 9 | 6 | 30 | 0.2 | 20 | 4 | - na |
| 76 | 30,000 | _ ad | 13 | 14 | 44 | ad | 25 | 2 | |
| | · Section 1 | M . 2 | | 80. | | | | _ | 10 |
| X - 78 | - 50 | 1 | | 11 | 81 | | ~~~ = - | 2. | nd |
| | | _ • | - 1 | ** * | - T | 0.2 | 40 | • | nd |

REMARKS:

Signed:

% Mo x 1.6683 = % MoSa

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

nd = none detected

ppm = parts per million



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Report No: 81-93-045 of 10

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Report Completed: For Project:

Analvet

| • | x. | Allelyst. | • | | - ع |
|---|---------------|-----------|---|---|---------|
| | | | | - | |
| | | | | | _ |

| Sample A | | No DDB | Cu | Ph | 200 | Ag | As | Hg | Au |
|--------------|---------------|-----------------|-----------------|--------------|-----------|------------------------------|-------------|-------------|------|
| H - 71 | - 50 | 2 | 11 | 21 | 100 | | | ppb | bbp |
| * |) | l i | • | ii | 88 36 | 0.3 | 4 | 65 | 20 |
| | | Zi Z | 14 | .1 | | 0.2 | 2 | 5 5 | nd |
| 82 | | | 11 | 12 | | | 1 | . 50 | 10 |
| 83 | | 1 | 20 | 12 | 46 | 0.2 | 2 | 40 | æd |
| 84 | | 1 | 6 | 1-12- | | 0.1 | 4 | 40 | nd |
| 85 | 1 | l î | 10 | | 35 46 | ad . | 2 | 35 | 10 |
| . Be | | | 7772 | 12507 | | nd | 2 | 35 | nd |
| 87 | | : '% | 10 | Fuller Tree | 51 | | الأوريد. | 65 | nd |
| | ı | i | 16 | ! | 16 | 0.1 | 2 | 125 | 20 |
| 29 | | 1 | 8 | -3- | 16 | 0.2 | 2 | 160 | nd |
| 90 | | î | 19 | | 43 | nd_ | 4 | 35 | 10 |
| \$200 ST | | - | | 12 | 70 | 0.1 | 2 | 40 | 10 |
| 92 | entrate for | | | 7 | 44 | . 0.1 | 12 E. | 40 | nd |
| 93 | 1 | 1 | 11 | _• | 46 | 0.2 | 4 | 25 | nd |
| 94 | | | 22 | 12 | 125 | 0.2 | 4 | 60_ | nd |
| 95 | ļ | ad | 7 | 6 | 40 | 0.1 | 2 | 30 | nd |
| - Table 1 | " L | 1 | 7 | _ 6 | 39 | 0.1 | 2 | 30 | 10 |
| 5 manuar, 95 | · of Lines is | . 🕦 🟒 | 14 | 13 | 40 | _ 0.4 | . 2 | 60 | ad |
| | | 1 | 12 | 11 | 82 . | 0.1 | 10 | 35 | nd |
| | | | | | 66 | 0.1 | 2 | 40 | nđ |
| 99 | ł | 1 | 11 | • | 165 | 0.1 | 10 | 35 | 10 |
| 100 101 | Andreas - | <u> </u> | 11 | 10 | 73 | nd | 4 | 20 | nd |
| | The water of | ·. md -{ | . S. 🗣 | ``12 | . 69 | , ad | - T- A | 35 | nd |
| 102 | İ | 1 | 9 | . 8 į | 92 | 0.2 | ~~~ | 30 | 10 |
| 103 | | _1 | 11 | | 44 | 0.2 | | 20 | _nd_ |
| 104 | ŀ | 1 | 11 | 9 | 76 | ad | | 25 | nd |
| 105 | Pioreconne | 1 | | 12 | 46 | nd | - 7 1 | 30 | nd |
| is it los | 1 | | Service Control | | 67 i. | | E 10 | 30 | |
| 107 | | 1 | 10 | 12 | 65 | 0.1 | | 30 | |
| 108 | | _ 24 | 12 | | 107 | 0.1 | - 1 | | nd |
| 109 | : | 1 | 10 | 11 | 79 | | | 35 | 10 |
| 745 THE 110 | | 3 | | | 35 | 9.2 | | 35 | nd |
| - 111 | | | 经产品 | | | . 2년 선 교 제품 | 100 Per 100 | 30 | nd |
| 112 | | nd Z | 11 | militar m | ~~ | | 法源。其 | 28 | _ nd |
| 115 | | | ~ | | 45 | 24d | 3 | 30 | |
| 114 | - | 1 | | | | | <u> </u> | 20 | ad |
| 114 | | - 1 | - 5 | <u> </u> | 36 | pd | 2 | 30 | 10 |
| 116 | | | | را د - 🖫 ڇپي | . 35 | 24 | | 35 | nd |
| H -117 | - 20 | | 法职事一 一 | Zu 🤾 | | . 0.1 | de L | 35 | 10 |
| ~ | ~ | - | | 8 | 72 | 0.1 | 2 | 30 | 40 |

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_x

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

nd = none detected

ppm = perts per million



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Samples Arrived:

Report Completed:

For Project:

Analyst:

| Sample | Marking - | , No | Cu | 76 | Za | Ag | AB | 9- | 1 4- |
|------------|----------------|--|----------------|--|----------|-------------|-----------------|-----------|----------|
| | | PPE | PP | ppa | ppe | ppa | ppe | Eg ppb | Au |
| H - 11: | - 26 | | 10 | • | 61 | 0.3 | 2 | 35 | ppb |
| 11 | | 2_ | | 20 | 122 | 0.4 | | | nd |
| 12 | | | 24 | 12 | - 66 ··· | " " | Carried Carried | 50 35 | nd |
| 12) 12: | | 24 | 13 | 10 | 45 | 0.1 | | | = |
| | | nd. | | • | 27 | ad | 2 | 30 25 | 10 |
| 123 124 | | ad | 10 | 9 | 70 | ad | | 25 | nd |
| 12 | | 2 | 49 | 20 | 88 | 0.5 | 2 | _ | nd |
| | | | E. E. | | 51 | 2 | 727 | 95 | nd |
| 120 | | nd | 4 | • | 50 | nd , | 4 | 20 | nd |
| 127 | | md | - | 7 | 46 | nd | 2 | 30 30 | nd |
| 128 | | 1 | 7 | 12 | 147 | 0.1 | 10 | | 10 |
| 129 | | ad | 7 | | 38 | 0.1 | 14 | 30 30 | nd |
| 130 | | 4 | | 10 | 59 | 0.1 | E. | | nd |
| 131 | | nd | 5 | • | 56 | 0.1 | *** | 35 | ad |
| 132 | | | 7 | 12 | 100 | 0.2 | | 25 | 10 |
| 133 | | nd | 7 | 12 | 71 | 0.2 | | 40 | nd_ |
| 134 | Compress serv | nd | | 9 | 44 | nd | | 35 | nd |
| 138 | | 2d | | 1 *** | 45 | | | 25 | md |
| 136 | | 2 - | 3 | | 26 | . 0.1 = | · 🥕 🐧 | 20 | , ad |
| 157 | | 1 | 7 | | 59 | _nd | | 20 | nd |
| 138 | | nd | 11 | 10 | 49 | 0.2 | _ | 20 | _pd_ |
| 139 | -> | nd | 4 | | 64 | 0.1 | 4 | 35 | pd |
| 140 | | - ad | | 10 | 52 | | 2 | 20 | nd |
| 141 | | ad | 13 | 111 | 66 | 9.1 | ₩ | 25 | æd |
| 142 | | _1_ | | | 59 | 022 | 10 | 65 | nd |
| 143 | | pd | 8 | • | 53 | | | 30 | |
| 144 | | nd | l ě | | 104 | 0.1 | 4 | 35 | 10 |
| 145 | | ** ** | | - T. | | nd . | 4 | 25 | nd |
| 146 | , - | 1 | 7 | transfer . v. | | | | 29 | |
| 147 | | nd | | | 78 | 0.1 | 4 | 20 | 204 |
| 148 | | Ré | - | | 54 | _ rd | 4 | 35 | 10_ |
| 149 | | nd | 3 | | 50 | nd | 4 | 20 | nd |
| E . 150 | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | 42 | | 2 | 25 | nd |
| 151 | ,. | | (ياسو ♥ تانت ت | | | | | 20 | . 24 |
| 152 | | 1 | | 1 📮 1 | 25 | 0.2 | 4 | 25 | nd |
| 153 | | 1 | | | 25 | | _ 2 | 25 | _nd |
| 184 | · · · | <i>-</i> | 27 | 10 | 76 | 0.2 | 2 | 60 | nd |
| 155 | | nd 1 | Sec. 2 | Francisco - | 37 | nd | | 25 | |
| | 30 | 1 | | 4.55 • 1.51 | 21 📜 | | | 55 | = |
| | · | - | 11 | | 49 | 0.2 | | 30 | = |

Signed:

% Mo x 1.6683 = % MoS_x 1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

nd = none detected



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Union Carbide Exploration

Samples Arrived: Report Completed:

For Project:

Analyst:

Cu Sample Marking As Am H - 157 - 50 ech طوط nd 0.1 28 T \$1 ÷ -nđ الد 0.2 0.1 id . 5 nd امد nđ nd md nd nd. 0.1 nd ьd рđ 0.1 ìn nđ 0.2 nđ nd nd **9.1** nđ nd nđ 0.1 nd 0.1 nd mi nđ 10 📆 ે:-7€ 0.3 nd. 6.1 nđ 0.1 nđ 0.1 nd ÌÙ, 0.2 ١S gC 194 H - 195 - 90 -4

REMARKS:

- 2-

Signed:

% Mo x 1.6683 = % MoSx

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

nd = none detected

ppm = perts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

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Attention:

Report No:

81-93-045

Samples Arrived:

Report Completed:

For Project:

Analyst:

| | ample I | Marking " | - 1 | No Mag | · I . | Cu Mari | | Pb | 2 | | Ag | As | Hg | BA |
|------------------------------------|------------------------|--|--|-------------------|--|------------|--|-------------------|--------------|-----------------|-----------------|--|------------|----------|
| . # | - 19 | | | 1 | | 8 | | | 4 | | 1000 | - 170 | ppb | _ppb |
| | 197 여전막 1 97 | | ٠ ا | | 1 | 13 | 1 | 11 | 4 | | 0.1 | 4 | 25 | =d |
| - WY | ET 19 | | | | | Fr | 第4条 | | | 7 | 夏 6.1 | | 20 | nd |
| | 199 | | 4 4 | l . | | 8 | | 12 | | م سر چي | 0.1 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 20 25 | . = |
| | 200 201 | | | M | | | | | 4 | _ | 0.1 | 2 | 30 | 20d |
| | 202 | | ; | nd. | 1 | 12 | 1 | • | 64 | - | 0.3 | 4 | 55 | nd |
| | 201 | | | | র ক্লা | | | l1 Li | 100 | - | 0.3 | 1 4 | 65 | ad |
| | 204 | | | id | FEET. | | 3 Table 1 | 4 | -(† 24 | | | 3 Jan 1 | 25 | |
| | 201 | | | ud ud | | • | | • | 35 | | 0.2 | 2 | 15 | nd |
| | 206 | | 1 | | | # 5 | | - - | 70 | | 0.1 | +-4-1 | 30 | nd |
| 740 <u>198</u> 7 1984 <u>1</u> 844 | 207 | , | 1 2 | - } | 1 | _ | . | 8 2 | 24 | | 0.1 | 2 | 20 | nd |
| , y, zz. | 208 | 三型型 | 7 Z. | | | | | 7 | | | nd | 10 | 50 | 10 |
| | 209 |) | 1 | | 1 | | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | ul péga B | | - 1 | | - x 2 | 20 | =4 |
| | 210 | | Ļ_ī | | | _ | 1 | - 7 | 54 28 | | nd ad | 2 | 20 | nd |
| | 211 | | 8 | d | | , | | | 33 | | nd nd | • - | 20 | 10 |
| | 212 | | מ | d | 1 1 | T . | 1 | 8 | 51 | | ng ng | 2 | 15 | 30 |
| عث معمدة | 213 | | | đ 🗒 | 22.0 | | | 5 | 45 | | , =4 | 2 2 | 15 | nd |
| • | 214 | | 1 | | 4 | • | | • | 36 | | nd. | 2 - | 15 15 | |
| | <u>215</u> 216 | | | | | <u> </u> | - | ! | 42 | | | ┇ ┃ | _15 _15 | nd 10 |
| | 216 | | 234 | | • | 3 | 1: | 2 | 95 | T | 0.1 | 2 | 35 | 10 |
| المناهدة | 218 | | | | 135 | } | .S.52 | 8 | 37 | | nd | 2 | 15 | 10 |
| . در بعد ۱ | 219 | AND THE PROPERTY. | . = | پدر 2 | | نبين | ا | • | 41 | - 1 | . 🖬 🕽 | 2 | 20 | md |
| | _220_ | | | 1 1 | • | } | 1 1 | • | 41 | | nd | 2 | 15 | 10 |
| | 221 | 1 | | ₩ 1 | | · | ! | ! | 42 | | 0.2 | 2 | 15 | 20_ |
| Zð er | 222 | | | _ | • |) | 11 | | 65 | ł | nd | 2 | 20 | 10 |
| | ²²³ | | 145 / C | AND SO | | | 14 | · | 67 | .ا پ | 0.1 | 10 | 40 | 10 |
| | 224 | | | | و توجيد | | 1 | | 46 | Ĭ. | | 2 | 25 . | . 2 |
| | 225 | | 2 | · | `, | . | 1 | | 45 |] | 0.2 | 4 | 15 | ad |
| •_ | 226 | 100 mm 1 | 1 | 144 | ٠- • | | • 14 | | 138 | -+ | -0.1 | • | 25 | 10 |
| 对字句 | 227 , | | 2 | : | 39 | • | 21 | | 104 | İ | 0.2 | 2 | 40 | 20 |
| بهوتناه | ≈228 . | | E1 | 1 | | <u> </u> | | | | · . | 0.5 | 18 18 18 18 18 18 18 18 18 18 18 18 18 1 | 55 | 10 |
| | 229 | | | | 12 | | 14 | | 56 | -4 | /k.W•Z "∴ Dd | 10 | 38 | |
| <u> </u> | 520 | | _1 | <u>· · ·</u> | 7 | لنــ | _ 12 | | 71 | _ | 1375. 14.00 | 70 | 25 | nd -d |
| | 231 | alimbory Spall Sill | nd | ĺ | 5 | .7 | | | 45 | $\neg \uparrow$ | | - | 35 | -14 |
| ENTRACY | 232 | THE PARTY OF THE P | *: , =4 | - | 100 m | | 12 | | 100 | İ | 0.2 | 10 | 20 | nd 10 |
| برگرانی انت ا | 253 | THE REAL PROPERTY. | | E | TV | . 3 | E 14 | 15 | 27 36 | 17 5 | 0.2 | 1 - Towns | 45 25 | 10 |
| - | 234 - | - 🕶 🎾 | 1 | . | 13 | - [| 15 | | 48 | | 0.3 | 10 | 50 | 10 |

% Mo x 1.6683 = % MoS₂

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

Signed: nd = none detected

ppm = perts per million

All values are believed to be correct to the best knowledge of the analyst based on the mathod and instruments used.



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Union Carbide Exploration

Report No: Samples Arrived:

Report Completed:

For Project:

--- Analyst:

| Sample 1 | Aarking '=. | Xe | Ca | Pb | 22 | Ag | âs · | Mg | Am |
|-----------|--------------------------------|-------------------------|--------------|-------------|----------------|-------|------------|-----------|----------|
| | marking . | 000 | 700 | DCB | 10066 | | 200 | -ch | 900 |
| H - 231 | | 24 | - 6 | ii | 30 | == | 2 | 30 | |
| 230 | | ad | 2 | | 24 | 0.1 | 1 ± | 15 | 10 |
| | The Netherland | 20 m | | 3217 | 201 | E. 25 | | 25 | 77 |
| 23(| | ad | 7 | 12 | 42 | 200 | 4 | 20 | |
| 231 | | | 14 | 15 | 57 | 9.2 | 10_ | 25 | 10 |
| 240 | 3 € T | 1 | 57 | 44 | 205 | 1.1 | 10 | 50 | 10 |
| 24] | | 1 | 14 | 16 | 67 | 0.6 | 4 | 50 | 20 |
| 242 | | | 强烈的 第 | 13 | 58 | 0.1 | 25 | 20 | |
| 243 | } | 2 | 26 | 18 | 123 | 0.5 | 10 | 45 | 10 |
| 244 | <u> </u> | 1 | 25 | 16 | 120 | 0.4 | 4 | 25 | 10 |
| 245 | , | 2 | 33 | 21 | 131 | 0.5 | 2 | 105 | 10 |
| 246 | | 1 | 5 | 10 | 36 | pd | | 25 | |
| 241 | | 1 2 | a min | 10 | ₹ 45 | | 10. | . 50 | |
| 248 | } | nd | 6 | • | 39 | 0.2 | 2 | 20 | 10 |
| 241 | 1 | 1 | 13 | 20 | 116 | 0.2 | | 60 | 10 |
| 250 |) | nd | 8 | 14 | 110 | nd | 10 | 25 | 30 |
| 251 | | 1 | 30 | 22 | 67 | 0.3 | 2 | 45 | 10 |
| 252 | | 1 | Marie 🚊 🕥 | | . 56 | * 0.3 | | 20 | |
| 253 | | 94 | | 11 | 75 | | 1 × 36 € 1 | 30 | 30 |
| 254 | <u>.</u> | nd | 12 | 12 | 96 | 0.1 | | 30 | 20 |
| 255 | | ad | 3 | 5 | 21 | 0.1 | 2 | 20 | 10 |
| 256 | | nd | 7 | 15 | 52 | 0.2 | | 35 | nd. |
| 267 | - | | 🎎 🗀 13 🕾 | 16 | 111 | | 16 | 30 | 3 |
| 258 | | 1 | * - | 12 | 42 | 0.1 | 4 | 20 | |
| 259 | -, ' | 1 7 | 40 | 24 | 81 | 0.5 | 10 | 55 | |
| 260 | | nd | | 11 | 25 | 0.1 | 2 | 20 | nd |
| 261 | ** | - | | 13 | 21 | 0.1 | 🛊 | 25 | 10 |
| 262 | | 34 3 | | Sio I | | | | | |
| 263 | المنظمين جامر المنظمين جامر | 1 | 23 | 18 | 108 | 0.4 | A A | 50 | |
| 264 | - 37 10-10 | | 13 | 13 | 42 | | | 35 | |
| 245 | 1 | 24 | 5 | 11 | 46 | | 2 | | nd |
| 266 | ** 44 | | 10 | 12 | 49 | 5 | 10 | 25 | nd . |
| N 257 | | | | | 图 47 显 | | | 4 | |
| 268 | | | | 10 | 29 | 0.2 | 2 | 20 | 10 |
| | | 3 | | . 7 | 31 | 0.2 | | 40 | 10 |
| 270 | | 124 | 7 | | 40 | ad | 2 | 20 | 10 |
| 271 | 4 | 7 | 14 | 12 | 69 | 0.2 | | (| 1 - |
| 272 | 1 | | | | 3 05 37 | | - Table 1 | 25 | 10 T |
| X - 273 | Company Supplied Company | ئربر المحدودية. إليو | | 12 | | 2 | Zi. | • | |
| ~ ~ ~ ~ ~ | , | - | • | 1 44 | 1 40 - | | 4 , | 25 | |

REMARKS:

Signed:

% Mo x 1.6683 = % MoS.

1 Troy oz./ton = 34.28 ppm

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nd = none detected

pom = perts per million



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Samples Arrived:

Report Completed:

For Project:

Analyst:

| Sample M | arking | No. | Cte | 76 | 22 | Ag | As | Hg DDb | Au |
|--|--|---------------------|-------------|------------|-------------|------------|------------------|-------------|---------------|
| H - 274 | - 20 | 1 | 2 | 12 | 49 | nd nd | | 30 | pph |
| 275 | , , , , , | 1 i : | • | 15 | 74 | = | 2 | 20 | |
| 276 | | 111 | | | I | 77.47 | 2 PT | 36 | |
| 277 | | 1 | 13 | 14 | 75 | ●.1 | 10 | 25 | |
| 278 | <u> </u> | nd | • | 12 | 62 | 34 | 2 | _20 | nd |
| 279 | | 2 | _● | 14 | 94 | md . | 4 | 49 | nd. |
| 290 281 | WEDGERSTER CONTRACT | 1 | 14 | 16 | 95 | | 10 | 25 | |
| | | 王皇下 蒙 | | | 1 | | | 120 | |
| 282 253 | | nd nd | 16 35 | 12 17 | 166 | 0.1 | 4 | 50 | 20 |
| 284 | | 1 | 34 | 12 | 72 50 | 0.4 | 24 | 130 140 | |
| 285 | | nd | 27 | ii | 28 | 0.4 | 10 | 125 | nd nd |
| 286 | | TANK TO | 13 | L'is | 107 | a.T ~ | 10 | - 44 | |
| 287 | - W. Colonial Colonia | *** md | 14 | 18 | 95 | 0.1 | 10 | 25 | 10 " |
| 288 | | 2 | 15 | 15 | 91 | nd | 15 | 30 | 10 |
| 289 | | 1 | 17 | 48 | 147 | ad | 20 | 30 | nd |
| 290 | W NEW PROPERTY AND THE PARTY OF |] 1 | 13 | 17 | 71 | 0.1 | 20 | 15 | 10 |
| 291 | ESSE. | 2 | : 45 | 29 | - 355 - | . 0.5 | . Tr | 30 | |
| 292 | | n med | 13 | 15 | 71 | nd | 10 | 20 | nd |
| 293 | | <u>nd</u> | | | 42 | <u>nd</u> | 4 | _20 | nd |
| 294 | - | 1 | • | | 34 | 0.1 | 2 | 25 | 10 |
| 295 | | 1 | | 1 3 3 5 | 45 | ad | . 4 | 20 | 10 |
| 296 297 | | ــتجی <u>ا</u> 1 | \$ 5 | * | _ 41 | 0.1 0.1 | .10 | 20 | |
| 298 | , | 1 🛊 | 15 | 10 | 92 | 9.2 | 2 | 20 30 | 10 |
| 299 | - | 2 | 11 | 10 | 53 | 0.1 | 4 | 25 | nd. |
| 300 | | | - | 11 | 42 | | 4 | 40 | |
| 301 | 经验证 | . . | | | 25 | -0.2 | 3 | | |
| 302 | ٠ ـــ ١ | ad . | • | 11 | 46 | ad | 4 | 25 | |
| | | 1 | | 10 | 47 | 0.2 | 4 | 30 | |
| | ا الله المستثنية المستثنية المستثنية المستثنية المستثنية المستثنية المستثنية المستثنية المستثنية المستثنية الم المستثنية المستثنية | nd. | . 9 | 10 | 46 | 0.3 | 10 | 40 | nd . |
| 305 | | 1 | 7 | 10 | 59 | 0.2 | 4 | 20 | and warm |
| 304 | | 113 | 3. 3 | | 58 · · · · | | | | 10 🖹 |
| ý 307 | Mary State S | | | | 45 | €.1 | 4 | 30 | |
| 300 | | 1 | | 10 | 41 | | 3 | 20 | |
| 300 310 | | 24 | 7 | 10 | 160 | 0.1 | 10 | 30 | |
| The second secon | | | | 2. Z | 24 273 👺 | | 10 M | 20 | 10 |
| H - 312 | - 22 | 1 | 13 | 12 | 187 | 0.1 | #尼 斯 學。《前 |): == 26 | 1 . |
| | _ ~ . | • | - - | 1 . | 100 | V | •· | - . | ad . |
| EMARKS. | | | | | | <u> </u> | | | // |

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_x

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

nd = none detected

ppm = perts per million

All values are balleved to be correct to the best knowledge of the analyst based on the method and instruments used.



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Report No:

Samples Arrived:

Report Completed:

For Project:

Analyst:

| Samp | oie Ma | erking | | * | | * | - 1 | • | 2 | | Ag | | As | Ig | Av |
|--------------------------|--------------------|--|----------------|--|------------|---|--|---|-----------|-------------------|---------------|---|-----------|-------------|-----|
| 1 - | 313 | - 90 | +-1 | | | <u>92 </u> | _ | Za _ | | | 77 | <u>f_</u> | 2000 | ppb | PP |
| • | 314 | ales signific | . 4 | | | 7 | | 7 | 42 | | 0.1 | | 1 | 20 | ne |
| | | | E | | 1 | 0 | | 3 | 110 |) | 0.1 | | 4 | 35 | 10 |
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% Mo x 1.6683 = % MoSz

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

Signed: nd = none detected

ppm = perts per million



TELEPHONE: 986-5211

AREA CODE: 604

Certificate of Geochemical Analyses

• Specialising in Trace Elements Analyses •

-IN ACCOUNT WITH-

Attention:

Union Carbide Exploration

Report No: 81-93-045 Samples Arrived:

Page 10 of 16

Report Completed:

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% Mo x 1.6683 = % MoS₂

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

nd = none detected

ppm = perts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

