

05 Rock Chip Genchemical Sampling

Conoco - Waterhole Prospect, Alande

Zinc, ppm



# Eklund Drilling Company

L. W. EKLUND, Owner

P.O. Box 666 Phone 702-754-6548 Carlin, Nevada 89822

April 3, 1975

DAVE DAVIS
Continental Oil Company
P. O. Box 7608
Reno, Nevada 89502

Invoice #36-3 75

### INVOICE

For drilling services performed by Rig #36 in March 1975:

136 hrs. @ \$45.00 5 hrs. standby @ \$35.00	\$6,120.00 175.00
22 days subsistance, 2 man crew @ \$30.00	660.00
5 - sks. QuikGel @ \$4.35 16 - sks. SuperBen @ \$4.35 13 - sks. QuikTrol @ \$6.75 2 - sks. MicaTex @ \$9.95 12 - gals. diesel @ 38¢ 2 - 4 3/4 Rock Bits @ \$83.50	21.75 69.60 87.75 19.90 4.56 167.00
Demobilization to Carlin, 292 mi. @ \$2.50	730.00
Invoice Total	\$8,055.56

Waterhole 8182-7070169.

Thank you,

EKLUND DRILLING COMPANY

4-15 + RFS /

Conoco-Waterhole Project

## **Interoffice Communication**

To P. H. Kirwin, Reno

From Steve Kilbreath, Reno

Date August 5, 1974

Subject WATERHOLE PROJECT, GEOLOGIC MAPPING

### INTRODUCTION

A detailed geologic mapping project was undertaken in the Waterhole copper prospect (Sections 7, 8, 17, 18; T9N, R28E) from June 13 through July 6, 1974. This area consists mainly of Triassic sediments and volcanics that are weakly metamorphosed. The Triassic rocks are capped by Tertiary volcanics which appear to be andesitic flows and pyroclastics. All the rocks were faulted during the Basin and Range episode.

The Triassic rocks occur in a rough east-west belt through Sections 7, 8, and 9. They are flanked by intrusives to the south and to the north in the NE 1/4 of Section 8. These range in composition from diorite to granite. The intrusives are all later than the Triassic rocks, but trying to date them relative to each other without more outcrops is difficult.

### MAPPABLE ROCK UNITS

- 1. Triassic sediments. These rocks are mostly siltstone, conglomerate, quartose sandstone and chert. These have all been metamorphosed to hornfels which may be the product of both regional and contact metamorphism. Most of this unit is dense, fine grained, dark hornfels that is locally spotted. Dark colored, silicious conglomerate with some volcanic clasts up to 2" (average 1/8" 3/8") was seen in the SE 1/4 of Section 9. A band of reddish brown, medium grained quartzite is present in the SW 1/4 of Section 7. It also protrudes northward from under the Tertiary volcanics in Section 7. The least abundant sedimentary rock is dark grey-black chert, seen only as intercalations within the conglomerate in Section 9, and a small amount in Section 12.
- 2. Triassic basic volcanics. This unit is a fine to medium grained, pyroxene and feldspar bearing basalt with veinlets and clots of epidote. The basalt appears to be part of the normal stratigraphic sequence in Section 12. Medium to course grained pyroxene gabbro is present in Sections 8 & 9 near the Waterhole. Outcrop is limited. The coarsness of the texture leads you to believe it is an intrusive and possibly younger than the Triassic.
- 3. Triassic volcanics. This unit is predominatly a white, quartz rich, locally altered pyroclastic with abundant iron staining on the fractures. This rock contains abundant sericite and no fresh feldspars. In a few places where unaltered, it contains up to 5% disseminated pyrite which is probably syngenetic. In most places you can find a few iron stained cubic casts or hematite pseudomorphs after pyrite. This unit includes a dark to light gray, quartz and feldspar rich lithic tuff, which makes up the entire himl in the SE 1/4 of Section 12. It also occurs as scattered patches near the Waterhole in Section 8. A fine grained, "salt and pepper" appearing

Conoco-Waterhole Project

volcanic that could be interlayered with the pyroclastics in the NE 1/4 of Section 17 and SE 1/4 of Section 8 was also mapped with the Triassic volcanics.

- 4. Diorite. Coarse grained, hornblende diorite crops out in the NE 1/4 of Section 8 and the NW 1/4 of Section 9. This rock consists entirely of plagioclase and green poikilitic hornblende in equal amounts. There is some granitic material which is present as dikes.
- 5. Quartz Diorite. Medium to coarse grained, grey quartz diorite is present in the NE 1/4 of Section 8. This rock consists of plagioclase, hornblende, biotite and quartz (10%). There are also outcrops of a highly weathered, quartz bearing intrusive near the fresher material which is presumed to be the same rock unit. A quartz diorite outcrop just north of the hill in the center of Section 7 appears to be very similar to that in Section 8. A northwest trending, fine to medium grained, quartz diorite dike is present on the section line between Sections 8 and 9. There was one small outcrop where I found some copper stain on the dike.
- 6. Granodiorite. A large area of light grey, medium to coarse grained granodiorite trends northwest through Section 17 and 18. This rock consists of plagioclase, hornblende, biotite, quartz and K-spar (5 10%). The mafics have all been altered to chlorite. There appears to be an increase in K-spar from southeast to northwest.
- 7. Quartz Monzonite. A medium to coarse grained, pinkish-grey quartz monzonite crops out in the center of Section 17. The rock consists of hornblende, biotite, quartz and equal amounts of K-spar and plagioclase. These mafics have also undergone chloritic alteration.
- 8. Granite. A very coarse grained granite is present in the SE 1/4 of Section 5. This rock consists of almost equal amounts of K-spar and quartz with minor biotite. There are phenocrysts of K-spar up to 2 cm and abundant aplitic veining.
- 9. Tertiary volcanics. These rocks are fine grained andesite with pilot-axitic hornblende needles scattered throughout. Overall color is dark grey and the rock weathers to a reddish brown. There is abundent flow banding and jointing. There are also a few small outcrops of a coarse grained andesitic agglomerate. These are scattered and surrounded by Quaternary alluvium so no real extent to them was seen.

#### STRUCTURE

The structures of the Waterhole area are predominately north-south or a little east or west of north-south. The north-south alignment is seen in faulting, folding and the veining.

### FAULTING

There were four definite faults visible in the area; three are almost parallel and trend roughly N20°E and the fourth trends about N45°W. I could get some feeling for displacement on the two faults in Section 8. Both are normal faults with a right lateral component. The fault in Section 18

has a definite left lateral motion but on the fault in Section 17 I could get no motion except a dip of  $60^{\circ}$  northwest.

I feel that there could be several other faults present. There easily could be an east-west fault in the northern part of Section 17 to offset the two north-south faults. It seems likely that since the Tertiary volcanics in Sections 7 and 8 are lower than any other Tertiary rocks around, they are faulted down by another north-south fault. There could be two more north-south faults causing the minor offsets that were observed on the contact between Triassic sediments and granodiorite in Section 18.

### **VEINS**

A large number of prospects pits and adits are scattered throughout the granodiorite and quartz monzonite. These were all on quartz veins, the majority of which trend roughly north-south, or within 25° east or west of north-south.

### FOLDS

The hall in Section 7 displays an outcrop pattern typical of a plunging syncline trending north-south and plunging to the southwest. The Triassic volcanics are wrapped around the sediments to give this pattern. According to the dips the northwest flank of the syncline has to be overturned, giving the same relative dips on each flank. If the volcanics are continuous with the ones in Section 8 there may be an anticline that is trending to the north.

### COPPER MINERALIZATION

The copper mineralization seen in the Waterhole area was predominatly in quartz veining in the quartz monzonite and granodiorite in Sections 17 and 18. It occurs mainly as oxide staining after calcopyrite. Very little fresh calcopyrite was seen, mainly hematite blobs with oxide stain nearby. There is about a two foot wide vein of copper oxide stain along a shear zone in the SE 1/4 of the NE 1/4 of Section 1. Again this is probably all after calcopyrite.

Steve Kilbreath

Steve Kilbrealt po.

рb

conoco

# Interoffice Communication

То

Peter H. Kirwin

From

Byron R. Berger

Date

August 1, 1975

Subject

Waterhole Project Summary

Attached is a brief summary of the exploration program on the Waterhole prospect. The interpretations and recommendations are based on my association with the general Wassuk Range reconnaissance program and logging of the rotary drill cuttings. I was not involved in the geologic, geochemical, and geophysical exploration programs.

Byron R. Berger

Geologist

pb Att.



# SUMMARY AND EVALUATION OF THE WATERHOLE PROSPECT

Byron R. Berger July 30, 1975

### SUMMARY AND EVALUATION OF THE WATERHOLE PROSPECT

#### INTRODUCTION

The Waterhole prospect was originally investigated during the fall of 1973, as a color anomaly on aerial photographs of the Wassuk reconnaissance area. The prospect is on the westerly extension of a large, positive magnetic anomaly. Property acquisition was effected in December, 1973, consisting of the staking of 100 lode mining claims. Geologic mapping, geochemical surveying, and an induced polarization survey during 1974 led to the selection of two drill sites. Rotary drilling was done in early 1975.

The purpose of this report is to briefly review the exploration program and results, and to make recommendations for further work.

### GEOLOGICAL EXPLORATION

### Exploration Program

Field examination of a color anomaly on aerial photographs led to the recognition of a large area of pyritic alteration in Mesozoic acidic volcanic rocks. Metatuffs contain quartz-sericite alteration, and the alteration appears to be related to altered-appearing granitic intrusions. Fracture systems with narrow selvages of quartz-sericite alteration contain vitreous limonite interpreted as an oxidation product after chalcocite. Martite and various limonites suggest that the system also contains magnetite and pyrite. Preliminary geologic

sampling indicated that a porphyry-type target may exist under

Tertiary cover to the north and west of exposed pre-Tertiary rocks.<sup>2</sup>

An attempt to more thoroughly delineate the alteration and to determine the Mesozoic stratigraphic relationships was commenced in June, 1974. Geologic mapping at a scale of 1" = 1,000' was completed for the claim block. Several intrusive phases were identified, as well as different types of pre-plutonic volcanic rocks. Copper oxide-bearing fractures were found adjacent to the claim block in intrusive rocks, and were interpreted as trending toward the prospect area. The pyritic alteration in the metatuffs was interpreted as being in part syngenetic.

Two drill targets (Figure 1) were selected on the basis of the geologic mapping program. No corroborative data were acquired from geochemical and geophysical surveys to aid in the selection of drill sites.

### Interpretation

Although the altered metavolcanic rocks do not extend south of the Waterhole prospect, the quartz-sericit-pyrite alteration does extend to the east onto the Naval reserve. Except for about a one mile band of intrusive rocks, the alteration is traceable northwest continuously to the Spanish Mines prospect. Similar alteration exists in the metavolcanics southeast of VABM Stud. Thus there does not appear to be any specific significance to the alteration around the Waterhole prospect.

The relationships of the intrusive rocks to the metavolcanics are relatively well exposed at several localities. No porphyritic textures and/or stockwork veining are evident. Some of the intrusions are only altered in a regional sense<sup>5</sup>, displaying epidote-chlorite alteration. I suggest, however, that the bleached appearance of the metavolcanics and the high pyrite content are due to contact metamorphic processes and are not syngenetic as suggested in the property geologic report.<sup>6</sup>

The distribution of copper-bearing fracture systems in the area indicates that there is no definite relationship between those found south of the Waterhole claim block and the altered metavolcanics. North to northwest-trending fractures or faults control mineralization throughout the area as shown in Figure 2.

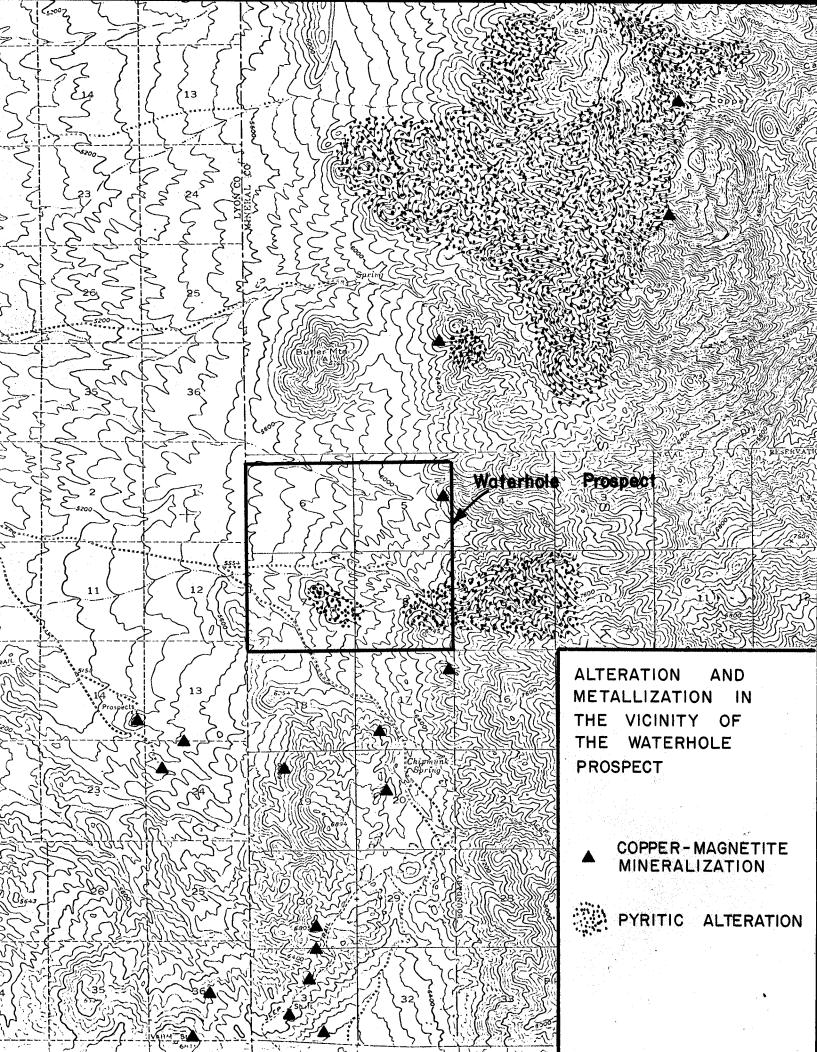
### GEOPHYSICAL EXPLORATION

### Exploration Program

Geophysical exploration consisted of a dipole-dipole polarization and resistivity survey<sup>7</sup> and a partially completed ground magnetics survey.

Five IP lines were completed, three at 1,000 foot spacing and two at 500 foot spacing. These lines represent approximately thirteen line miles of coverage. A weak, near-surface IP response was detected over altered metavolcanics in the eastern one-half of Section 7 (T9N, R28E). A moderate response was also detected in the area of the Waterhole (Section 8, T9N, R28E). However, all in all, a





rather uniform horizontal layering is observed in the data. Part of this layering is due to a problem in the recording system between the fifth and sixth channels.

A ground magnetics survey was commenced during the drilling program to provide more data on the highly magnetic rocks being encountered in the drill cuttings. Due to poor weather, instrument problems, and a shortage of technical personnel, the survey was only one-half completed. Data are only available for the northern portion or the claim block.

### Interpretation

Fresh sulfides in the metavolcanic rocks at a shallow depth should have been detected by the IP survey. Most of the poor response is probably due to electronic problems with the survey equipment. However, most of the area mapped as Quaternary alluvium in the claim block is actually covered by Tertiary volcanic rocks and volcaniclastic lake bed sediments. These volcanic and sedimentary rocks may have affected the penetrability of the survey equipment. The ground magnetic data available suggest that pre-Tertiary rocks continue under the covered area at a shallow depth without much change in magnetic character. Thus one may assume that there is little change in the type of alteration from the covered area to the outcrop.

### GEOCHEMICAL EXPLORATION

Rock chip sampling for geochemical analysis was done during the

initial stages of claim staking and property evaluation. Copper values range from less than 5 ppm to 135 ppm, the average being 31 ppm. Zinc averages 17 ppm, and molybdenum 2 ppm. None of these values are significant, and no metallization patterns can be discerned from them.

#### DRILLING PROGRAM

As mentioned, two sites (Figure 1) were selected for testing by rotary drilling methods. 8 The sites were selected to test the pyritized rock near the Waterhole and the area of weak IP response in Section 7 (T9N, R28E). Drilling was commenced near the Waterhole. RWH-1 was lost at 75 feet in caving ground; RWH-2 was a redrill at the same locality and was lost at 125 feet for the same reasons. RWH-3 was a third attempt to get a deep test of the pyritized area using mud instead of air and was taken to a total depth of 440 feet. Triassic metavolcanics were encountered throughout the hole displaying quartz-epidote, pyrite, and magnetite alteration. RWH-4 was drilled to 410 feet total depth in Triassic metavolcanics with similar alteration as RWH-3, except that little magnetite was observed. A narrow dike-like body of hornblende diorite was cut in the hole and the intrusion contained pyrite. No other alteration of the dike was evident, and the assay data suggested no copper mineralization was present.

All of the drill hole and rock geochemical assay data indicate that the pyrite-chlorite-epidote-quartz alteration is not related to

a porphyry copper-type system. Copper values in all of the drill holes range from 5 to 205 ppm with the average geochemical values being as follows:

Copper Molybdenum Lead Zinc	RWH-1  Range Mean  10 to 120 63 pp  <1 to 4 1 pp  10 to 60 20 pp  5 to 95 44 pp	m 29 m 1 m 15
Copper Molybdenum Lead Zinc	RWH-2  Range Mean 20 to 125 52 pp <1 to 1 <1 pp 10 to 70 14 pp 15 to 75 42	m 32 m <1
Copper Molybdenum Lead Zinc	RWH-3  Range Mean  15 to 205 56 pp  <1 to 5 1 pp  <10 to 120 17 pp  5 to 190 48 pp	m 34 m 1 m 17
Copper Molybdenum Lead Zinc Silver	RWH-4  Range Mean 5 to 420 17 pp <1 to 10 2 pp <10 to 20 2 pp <5 to 20 3 pp <1 to 1 <1 pp	m 47 m 2 m 4 m 4

There appears to be less base metal content in the metavolcanics away from the Waterhole <u>per se</u>, but the differences are not statistically significant.

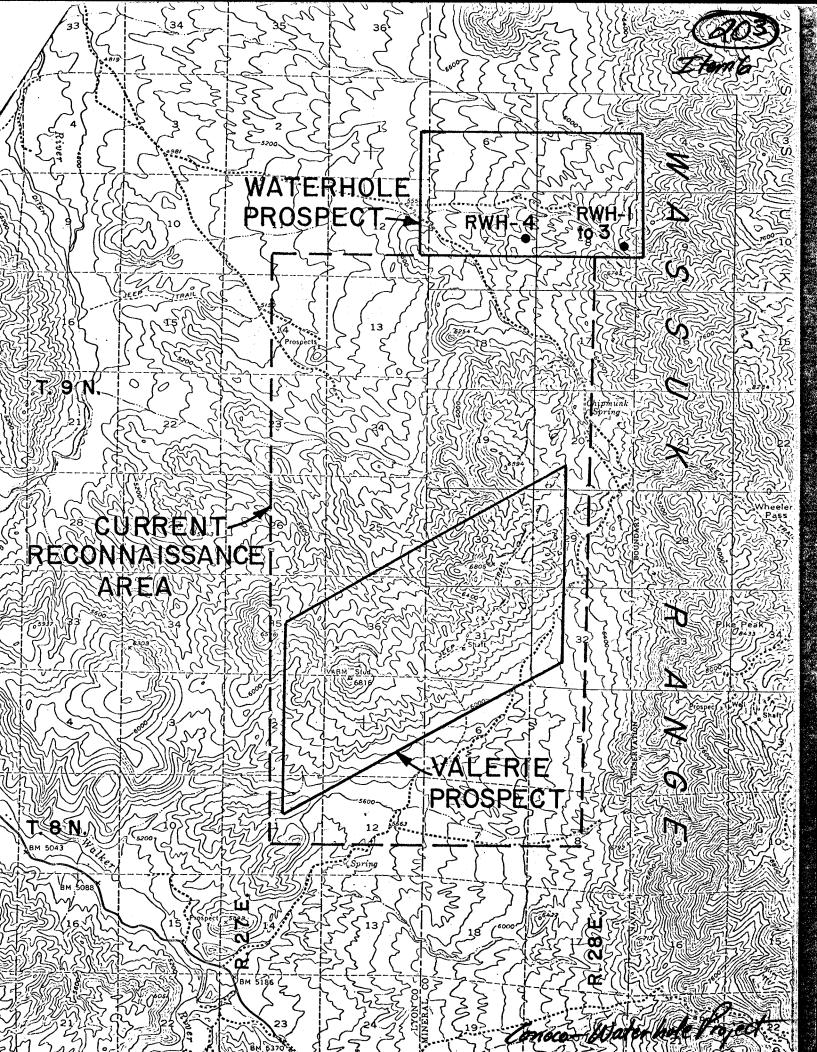
### CONCLUSIONS AND RECOMMENDATIONS

The Waterhole prospect does not appear to be a portion of a porphyry copper-type system. Similarly altered volcanics occur at many places in the range with no associated copper mineralization. Geochemical surveying indicates a uniformly low background for all of the base metals. Copper-bearing fractures in the region do not appear to have any relationship to the alteration at the Waterhole, though all of the metallization and alteration in the region may be related to multiple intrusive activity. The intrusions are relatively fresh at all localities except for a regional development of chlorite and epidote in some stocks regardless of age.

The drill results failed to upgrade the Waterhole prospect. As a result, I recommend that no further work be done on the Waterhole claim block at this time.

### FOOTNOTES

- <sup>1</sup>P. H. Kirwin Monthly Report, November, 1973.
- <sup>2</sup>P. H. Kirwin Monthly Report, November, 1973.
- <sup>3</sup>P. H. Kirwin Monthly Report, July 1974.
- <sup>4</sup>S. P. Kilbreath File Report, Waterhole Project, August, 1974.
- $^{5}\mathrm{Refer}$  to the file report on Wassuk Range reconnaissance project.
- <sup>6</sup>S. P. Kilbreath File Report, Waterhloe Project, August, 1974.
- <sup>7</sup>Refer to Waterhole project, geophysics file.
- <sup>8</sup>Refer to Waterhole project, drilling file.



# **Interoffice Communication**

То

D. C. Davis

From

B. R. Berger

Date

July 11, 1975

Subject

Waterhole Prospect - Impressions and Recommendations

A general reconnaissance of the central Wassuk Range has been completed, and several ideas about the regional geology and its bearing on the style of mineralization found are germane to a discussion of the Waterhole project results:

- 1) Consanguinous plutonic and volcanic activity took place in the Lower Jurassic along an island-arc system;
- 2) Plutonic activity continued intermittently into the Late Cretaceous, the stocks being emplaced within the older volcanic pile;
- 3) Limestone was deposited in <u>irregular</u> basins around the flanks of the volcanic islands;
- 4) Except for a brief period in the Late Jurassic hypabyssal porphyries were, ostensibly, not emplaced in the area now making up the central Wassuk Range;
- 5) Hydrothermal alteration is restricted to relatively high temperature and pressure types of "typical" porphyry copper systems; and,
- 6) Except for the Yerington trend of porphyritic dike-like intrusions, copper mineralization is restricted to fissure veins and replacement deposits.

At the Waterhole several coarse grained intrusive phases were emplaced in dacitic and quartz latitic metavolcanics. Although the absolute ages of the intrusions are unknown, the oldest stocks may be plutonic equivalents of the effusive rocks. The results of the intrusive activity were widespread pyritization, silicification, and recrystallization of the volcanic pile. Northwesterly trending fault zones appear to have affected the intensity and distribution of hydrothermal solutions to some extent.

It is common in modern island-arc porphyry systems to get alteration assemblages of chlorite-epidote-magnetite together with K-feldspar and biotite. At the Waterhole the highest grade alteration consists of chlorite, epidote, magnetite, and pyrite-a deep-seated, propylitic type. No potassic type of alteration was noted. Quartz-sericite is restricted to recrystallized tuffs and is not necessarily the result of widespread thermal water activity. It is generally the case that the porphyry copper ore is associated with potassic alteration. Furthermore, I suggest that

Conoco - Waterhole Project

D. C. Davis July 11, 1975 Page 2

any intrusion emplaced in an andesitic volcanic pile with particular reference to the Waterhole mineralization will display and create Fe-Mg alteration that may be unrelated to a discrete hydrothermal event.

The very large magnetic anomaly adjacent to the Waterhole prospect is caused by a diorite intrusion containing 1-4% magnetite and some epidote. This stock is not anomalous in trace copper content and displays little or no alteration. It is possibly the oldest intrusive phase in the range, possibly emplaced comagnatically with development of the island-arc system. Much younger intrusions (to 100 million years younger) also contain significant amounts of magnetite (1/2-1%), chlorite, and particularly epidote. All of these iron-rich phases are probably a result of contamination from the volcanic pile, as suggested for the mineralization we tested in our drilling program.

None of the exploration activity on the Waterhole claims found anomalous copper mineralization. Likewise, no limestone beds or porphyry dikes exist in this part of the metavolcanic sequence. Both of the U.S. Steel orebodies (iron-copper and copper) are limestone replacement deposits with porphyry dike-rocks cross-cutting the mineralized zones.

On the basis of the above observations, I recommend the following:

- 1) No further drilling on the Waterhole claim block;
- 2) No additional geophysical exploration on the claims; and,
- 3) No further geological mapping adjacent to the Waterhole claim block.

Byron R. Berger

non R. Berger

pb

Peter H. Kirwin

# Interoffice Communication

To D. C. Davis

From B. R. Berger

Date July 11, 1975

Subject Waterhole Prospect - Impressions and Recommendations

A general reconnaissance of the central Wassuk Range has been completed, and several ideas about the regional geology and its bearing on the style of mineralization found are germane to a discussion of the Waterhole project results:

- 1) Consanguinous plutonic and volcanic activity took place in the Lower Jurassic along an island-arc system;
- 2) Plutonic activity continued intermittently into the Late Cretaceous, the stocks being emplaced within the older volcanic pile;
- 3) Limestone was deposited in <u>irregular</u> basins around the flanks of the volcanic islands;
- 4) Except for a brief period in the Late Jurassic hypabyssal porphyries were, ostensibly, not emplaced in the area now making up the central Wassuk Range;
- 5) Hydrothermal alteration is restricted to relatively high temperature and pressure types of "typical" porphyry copper systems; and,
- 6) Except for the Yerington trend of porphyritic dike-like intrusions, copper mineralization is restricted to fissure veins and replacement deposits.

At the Waterhole several coarse grained intrusive phases were emplaced in dacitic and quartz latitic metavolcanics. Although the absolute ages of the intrusions are unknown, the oldest stocks may be plutonic equivalents of the effusive rocks. The results of the intrusive activity were widespread pyritization, silicification, and recrystallization of the volcanic pile. Northwesterly trending fault zones appear to have affected the intensity and distribution of hydrothermal solutions to some extent.

It is common in modern island-arc porphyry systems to get alteration assemblages of chlorite-epidote-magnetite together with K-feldspar and biotite. At the Waterhole the highest grade alteration consists of chlorite, epidote, magnetite, and pyrite--a deep-seated, propylitic type. No potassic type of alteration was noted. Quartz-sericite is restricted to recrystallized tuffs and is not necessarily the result of widespread thermal water activity. It is generally the case that the porphyry copper ore is associated with potassic alteration. Furthermore, I suggest that

Conoco - Waterhole Project

D. C. Davis
July 11, 1975
Page 2

any intrusion emplaced in an andesitic volcanic pile with particular reference to the Waterhole mineralization will display and create Fe-Mg alteration that may be unrelated to a discrete hydrothermal event.

The very large magnetic anomaly adjacent to the Waterhole prospect is caused by a diorite intrusion containing 1-4% magnetite and some epidote. This stock is not anomalous in trace copper content and displays little or no alteration. It is possibly the oldest intrusive phase in the range, possibly emplaced comagnatically with development of the island-arc system. Much younger intrusions (to 100 million years younger) also contain significant amounts of magnetite (1/2-1%), chlorite, and particularly epidote. All of these iron-rich phases are probably a result of contamination from the volcanic pile, as suggested for the mineralization we tested in our drilling program.

None of the exploration activity on the Waterhole claims found anomalous copper mineralization. Likewise, no limestone beds or porphyry dikes exist in this part of the metavolcanic sequence. Both of the U.S. Steel orebodies (iron-copper and copper) are limestone replacement deposits with porphyry dike-rocks cross-cutting the mineralized zones.

On the basis of the above observations, I recommend the following:

- 1) No further drilling on the Waterhole claim block;
- 2) No additional geophysical exploration on the claims; and,
- 3) No further geological mapping adjacent to the Waterhole claim block.

Byron R. Berger

pb

eter H. Kirwin

### Handspecimen Description:

This rock is a light lavender grey, mineralized (magnetite), rhyolitelatite crystal tuff containing quartz, and altered p+agioclase phenocrysts in an altered (slight sericitic) aphanitic groundmass. Minute cavities (leached grains?) occur scattered throughout rock.

### Thin Section Description:

In this section this rock displays a pyroclastic-tuffaceous fabric consisting of embayed and corroded quartz-plagioclase phenocrysts and abundant crystal fragments set in predominantly devitirfied felsitic, microgranophyric, matrix of quartz intergrown with feldspar. Irregular, anhedral, interstitial clots of isotropic brown glass occur scattered throughout the groundmass. These clost commonly contain coarse intergrown muscovite needles. Fairly abundant "spongy" anhedral clots of magnetite (altered to hematite) occur disseminated through the rock. The groundmass is moderately to strongly sericitized. One hairline quartz veinlet cuts across this thin section.

### Mineralogy:

Phenocrysts and crystal fragments - 10-15% of rock.

- Quartz 80% of phenocrysts and crystal fragments as embayed/ corroded phenocrysts (up to 4 mm) and as smaller angular crystal fragments.
- <u>Plagioclase</u> 20% of phenocrysts and crystal fragments intermediate composition (based on index of refraction) moderately-strongly sericitized and also partially replaced by magnetite.

### Groundmass - 85-90% of rock

- Quartz and feldspar 80% of groundmass micrographic-subgranophyric intergrowths of quartz and alkalic(?) feldspar optically continuous patches of quartz enclose recognizable minute plagio-clase laths also.
- Glass 8-10% of groundmass anhedral-irregular disseminated clots with intergrown coarse sericite and quartz.
- Magnetite 10-15% of matrix as dissiminated "spongy" clots and as minute granules scattered throughout matrix magnetite is extensively altered to hematite.
- Zircon trace-minute grains in matrix.

### Alteration:

This rock is moderately-strongly sericitized and appears to have had quartz (hairline veinlets) and magnetite introduced. The matrix has been nearly completely devitrified but remnant patches of glass still remain.

Conoco-Water le Project

### Rock Name:

Sericitized-devitrified quartz latite crystal tuff.

The rock name is based on observed mineralogy and therefore is strongly influenced by phenocryst content. A whole rock chemical analysis may well shift this into a more acidic (i.e. rhyolite) category.

### Handspecimen Description:

In handspecimen this rock is a whitish grey, altered, porphyritic acidic volcanic rock containing small plagioclase (argillized) phenocrysts in an aphanitic matrix. The rock is cut by numerous "vuggy-like" limonite-goethite filled veinlets. Small "holes" (leached out phenocrysts or minute cavities?) occur throughout the rock.

### Thin Section Description:

In thin section this rock displays a porphyritic texture consisting of scattered subhedral altered plagioclase grains and glameroporphyritic clots set in a felsitic matrix of submicrographic intergrown quartz and feldspar. The texture of this rock is more representative of a porphyritic, flow or shallow intrusive rock than of a pyroclastic tuffaceous rock. The entire rock has been argillized and moderately sericitized. The plagioclase phenocrysts are essentially completely altered. K-spar as phenocrysts may be present but is not positively identifiable. The section is cut by several limonite-minor quartz veinlets. The limonite (altered to goethite in part) is irregular in form and displays colloform textures along the vein margins; no definite psuedomorphs of a replaced mineral were observed although traces of altered magnetite were observed within (along margins primarily) these veinlets.

### Mineralogy:

Phenocrysts - 25% of rock

Plagioclase - 100% of phenocrysts - (no K-spar positively identified)
- up to 2 mm - completely altered to clays and moderate sericite.
Occurs as individual subhedral-euhedral phenocrysts and as glameroporphyritic clots.

Matrix - 72% of rock (veins make up rest of rock).

Quartz-feldspars - intergrown in a submicrographic to very irregular allotriomorphic fabric. Minute plagioclase grains recognizable. Trace of very minute sericite veinlets in matrix.

Veinlets - 3% of rock - limonite-goethite - minor remnant magnetite filling veins. Limonite appears to be filling veins and displays colloform textures along margins of veinlets. No recognizable sulfide pseudomorphs associated with veinlets.

### Alteration:

Alteration of this rock consists of strong argillic-moderate sericitic with crosscutting limonite veins.

### Rock Name:

Altered latite-quartz latite.

By the mineralogy this rock would fit into this range of rock type but a whole rock chemical analysis would be more definitive for this type of rock.

Conoco - Waterhole Project

### Handspecimen Description:

In handspecimen this rock appears very similar to specimen WR-21, being a limonite stained, whitish grey, slightly porphyritic-aphanitic rhyolitic volcanic rock containing small observable quartz phenocrysts (as seen on the cut surface). The specimen is cut by vuggy limonite veinlets/fracture fillings and by one dark grey mineralized? veinlet. Abundant holes (leached phenocrysts?) or minute cavities occur throughout the rock.

### Thin Section Description:

In thin section this sample is unlike specimen WR-21 but appears to be the same unit as WR-22. The sample consists of embayed/corroded quartz and altered plagioclase phenocrysts and crystal fragments set in a felsitic, microgranophyric matrix of quartz and feldspar. The section is cut by two veinlets; the dark grey veinlet (as seen in handspecimen) is the older veinlet and is truncated by the limonite veinlet. The older, dark grey veinlet consists of mutual intergrowths of quartz and K-feldspar (microcline) and contains abundant subhedral tourmaline (schorl) crystals. Minor anhedral, sponge-like, hematite (after magnetite) occurs within this veinlet. The younger limonitic vein displays a microbreccia texture consisting of crystal and lithic fragments (apparently of enclosing rock) cemented in a matrix of limonite intergrown with minor jarosite. The jarosite is crystalline in part and does not appear to be pseudomorphous after an earlier sulfide mineral. Coarse sericite is associated with part of this veinlet.

### Mineralogy:

Phenocrysts and crystal fragments - approximately 10% of rock.

Quartz - 75% of phenocrysts and crystal fragments - anhedral embayed and corroded phenocrysts, up to 2 mm.

<u>Plagioclase</u> - 25% of phenocrysts and crystal fragments - subhedral corroded grains - strongly sericitized.

Groundmass - 85-90% of rock

Quartz-feldspar - 90-95% of groundmass - submicrographic intergrowths
 of spongy, sieve-like quartz and alkali feldspar. Slight to
 moderate sericitic alteration exists throughout this groundmass.

<u>Magnetite</u> + zircon + other accessories? - less than 3% of matrix - minute disseminated granules. Magnetite oxidized to hematite.

Tourmaline - less than 1% of matrix - minute anhedral disseminated grains.

Small - minute irregularly shaped cavities occur scattered throughout the groundmass (less than 1-2% of matrix). These cavities due not have any mineral linings or fillings but do not appear to be after any phenocrysts or crystal fragment. They appear to be minute vesicle like cavities in the rock. Some may be due to "plucking" during thin section preparation.

Cono co-Waterhole Project

### Alteration:

Alteration of this rock was probably multiphase, consisting of original devitrification of a glassy matrix followed by the quartz-feldspar-tourmaline alteration and the subsequent sericitization of the groundmass and plagioclase phenocrysts. Limonite-jarosite veining is the youngest alteration and displays no recognizable association with a sulfide mineral.

To what extent the felsitic groundmass texture presently observed is primary devitrification or the result of later hydrothermal alteration is speculative. This applies to similar groundmass textures observed in other specimens.

### Rock Name:

Hydrothermally altered quartz latite crystal tuff.

### Handspecimen Description:

In handspecimen this rock is a light whitish grey, limonite stained, aphanitic, acidic volcanic which appears to have been silicified and/or recrystallized. Phenocrysts are not obvious in handspecimen. Muscovite? flakes occur scattered throughout the aphanitic silicified? rock. Minor hairline limonite? veinlets occur in the rock.

### Thin Section Description:

In thin section this rock displays a pyroclastic texture which has been partially obscured by recrystallization of the rock. Partially recrystallized (to quartz and muscovite) argillized phenocrysts and crystal fragments of plagioclase and anorthoclase? and trace quartz occur scattered throughout a fine grained recrystallized matrix of quartz and slightly argillized feld-spar (K-spar?). Anhedral, interstitial to subpoikioblastic plates of muscovite occur scattered throughout the groundmass of the rock. Also occurring in the rock are scattered coarse polygonal mosaic "clots" of quartz. These may be recrystallized quartz phenocrysts or possibly introduced, hydrothermal quartz which has been recrystallized.

### Mineralogy:

Phenocrysts and crystal fragments - 5-8% of rock.

- Plagioclase 80% of phenocrysts subhedral corroded grains argillized and partially replaced by coarse muscovite and quartz.
- K-spar Anorthoclase? 15-20%? of phenocrysts difficult to distinguish from other feldspar phenocrysts argillized and partially recrystallized to quartz and muscovite.

Groundmass: 92-95% of rock

- Quartz -feldspar (K-spar?) 90-95% of matrix recrystallized to subpolygonal to polygonal mosaics of interlocking grains. Feldspars are slightly to moderately argillized.
- <u>Muscovite</u> 5% of matrix anhedral interstitial plates and subpoikioblastic grains.
- Biotite trace small anhedral plates to slightly interstitial grains. Also in minute hairline veinlets with limonite.
- Topaz trace as minute anhedral sieve-like plates and slender prismatic grains in groundmass. Also in minute cavities.

  Typically associated with coarse muscovite and minor hematite-limonite.

Conoco-Water hole Project

Opaques - magnetite - less than 1% - subhedral-anhedral disseminated grains - altered to hematite-limonite intergrowths.

Accessory - trace zircon and granular sphene (after biotite).

### Alteration:

Alteration of this rock consists of argillization of the phenocryst and groundmass feldspars. The rock has been recrystallized with the production of muscovite.

### Rock Name:

Recrystallized rhyolitic tuff.

### Handspecimen Description:

In handspecimen this rock appears to be a quartz-sericite altered, micro-porphyritic rhyolitic rock. The rock is whitish grey on fresh surfaces and contains trace quartz phenocrysts in a "speckled" quartz-feldspar groundmass. The rock contains abundant limonite stained minute cavities and is cut by several hairline veinlets.

### Thin Section Description:

Petrographically this specimen is unusual. It consists of scattered recrystallized quartz "clots" (polygonal mosaic aggregates) and minute cavities (vesicles?) set in a very very fine grained, "blotchy", sericitized groundmass of quartz and feldspar. Small angular quartz crystal fragments occur within this matrix, also, suggesting an original pyroclastic rock type. The polygonal mosaic quartz "clots" are round to subrounded rectangular and appear to have faint sericite aureoles around them. The minute cavities appear in part to have coarse grained quartz lining them and commonly contain coarse muscovite, prismatic topaz, and a collaform textured opaque (now hematite-after magnetite?) with associated limonite/goethite. The section is crosscut by a couple of recrystallized quartz-muscovite veinlets. The quartz in these veinlets is almost as coarse as the aggregated quartz in the clots. The minute sericite flakes comprising the pervasive sericitic alteration display a subtle preferred orientation acorss the tin section; this together with the recrystallized texture of the quartz "clots" suggests a "metamorphic" overprint to the original rock. How this recrystallization relates to the hydrothermal event (or events?) is not clear. They may have been rock - essentially contemporaneous.

### Mineralogy:

Quartz - approximately 80% of rock - in recrystallized "clots" (up to 1 1/2 mm) as aggregated polygonal mosaics and in polygonal intergrowths with feldspar in matrix. Also as scattered crystal fragments in matrix and recrystallized veinlets.

<u>Muscovite</u> - 15% of rock - as pervasive very fine grained sericite and as slightly coarser anhedral plates associated with "vesicles".

Feldspar - 5%? of rock - intergrown in groundmass.

Topaz - anhedral to prismatic intergrowths with muscovite and opaque in "vesicles". Trace grains in quartz "clots" with muscovite.

Opaque - Less than 1% - collaform textured altered magnetite (to hematite) in "vesicles" (minute cavities) scattered throughout rocks - includes limonite and in goethite granules and interstitial material scattered throughout groundmass.

Tourmaline - trace - associated with one minute cavity.

### Alteration:

Alteration consists of recrystallization, quartz-sericite alteration and introduction of topaz magnetite (altered) and trace tourmaline.

Conoco- Waterhole Project

# <u>WR-14</u>

### Rock Name:

Recrystallized quartz-sericite altered rhyolitic volcanic rock.

#### WR-13

#### Handspecimen Description:

In handspecimen this rock is a medium grained, medium grey, dioritic rock containing plagioclase, a trace of quartz, and a slightly altered mafic mineral (hornblende). A trace of disseminated opaque magnetite and pyrite grains occur in the rock.

#### Thin Section Description:

In thin section this specimen consists of subhedral, slightly oscillatory zoned, plagioclase laths, interstitial to slightly poikilitic hornblende, and trace amounts of interstitial quartz, biotite, and trace K-spar. The specimen displays a well developed hypidiomorphic granular texture. The plagioclase granular display patchy overgrowths (replacement) by a more sodic plagioclase (albiteoligoclase) which probably represents a magmatic replacement. The plagioclases also display a late deuteric or post magmatic hydrothermal alteration consisting of minor stringers of albite associated with minor muscovite and epidote. Trace biotite in this section occurs interstitially to plagioclase and is almost totally altered to chlorite, epidote, and granular sphene. Interstitial to subpoikilitic hornblende is partially altered to chlorite and epidote.

#### Mineralogy:

Plagioclase - 70% of rock - An55-60 zoned to An50-55 approximately. Subhedral grains, averaging 3-4 mm, display slight oscillatory zoning. The plagioclase appears to have been magnatically partially replaced by a more sodic plagioclase phase and then, either druing a late deuteric stage or a post magnatic phase, been slightly altered to albite (in vein-like stringers), epidote and trace muscovite. This alteration is confined primarily to more calcic zones within the plagioclase grains but not restricted to them.

Amphibole - 14% of rock - anhedral interstitial to subpoikilitic greenbrown hornblende - partially altered to chlorite, epidote and minor sphene.

Quartz - 4% of rock - anhedral interstitial patches .

<u>Biotite</u> - trace - interstitial - almost completely altered to chloriteepidote-sphene.

Chlorite - < 3% of rock - alteration of biotite and amphibole.

Epidote - < 5% of rock - as alteration of mafics and calcic plagioclase.

<u>Sphene</u> - < 1% of rock - as trace subhedral primary grains and as secondary alteration product.

K-spar - orthoclase - trace - interstitial fillings associated with quartz commonly.

Apatite - trace - as large (almost 1 mm) primary grains.

Muscovite - trace - after plagioclase.

Opaques - 3% of section - magnetite - anhedral irregular and subhedral grains.

Conoro- Waterhole Project

## WR-13

# Alteration:

No alteration in this section which could be considered hydrothermal (although it may have been deuteric) consists of slight alteration of plagioclase to albite, epidote, muscovite and alteration of biotite (nearly completely) and hornblende (slight to partial) to chlorite, epidote and secondary sphene.

## Rock Name:

hornblende diorite



# Handspecimen Description:

In handspecimen this rock appears to be a slightly porphyritic-aphanitic, perhaps pyroclastic?, acidic volcanic rock consisting of quartz, altered plagioclase, and a fine grained mafic? in a dense, light grey, aphanitic matrix. The rock is limonitic stained on fracture surfaces.

## Thin Section Description:

In thin section this rock appears to display a pyroclastic texture although this texture is poorly preserved. The section consists of crystal fragments? and embayed phenocrysts of quartz and partially recrystallized anorthoclase, set in a microcrystalline allotriomorphic granular felsic matrix. Scattered throughout the section are irregular blotches of very fine grained biotite (secondary biotite?) intergrown with sericite and some limonitic material. This very fine grained biotite also occurs in hairline veinlets. Hairline limonite veinlets also occur in this section. The entire section displays a slightly blotchy appearance due to the moderate-strong sericitic alteration.

#### Mineralogy:

Phenocrysts and crystal fragments - 15-20% of rock.

Quartz - 40% of phenocrysts and x1 fragments - subhedral embayed embayed phenocrysts - up to 3 mm.

Anorthoclase - 60% of phenocrysts - up to 3 mm - sericitized embayed corroded phenocrysts - recrystallized to patchy aggregates of anorthoclase?

<u>Pumice lapilli - ? - perhaps trace - devitrified and thermally recrystallized to felsic groundmass material (slightly coarser grained) and containing fine grained biotite (secondary?).</u>

Groundmass: 75-80% of rock -

Quartz-alkali feldspar - 93% of groundmass - very, very fine grained.

microcrystalline allotriomorphic granular intergrowth moderately to strongly sericitized.

Biotite - less than 5% of groundmass - very fine grained "blotchy" aggregates and in minor hairline veinlets - intergrown with sericite and granular sphene.

Magnetite - less than 1% of groundmass. Small to minute disseminated
grains - altered to hematite/limonite.

<u>Limonite</u> - up to 1% - associated with hematite and in hairline veinlets/fractures by itself.

#### Alteration:

The alteration of this rock consists of primary devitrification and hydrothermal sericitization with minor recrystallization (alteration) of anorthoclase. The biotite may represent remobilization of an original mafic constituent (producing granular sphene) but is "secondary" in appearance.

Conoco-Waterhole Project

# WR-10

# Rock Name:

Sericitized rhyolitic crystal tuff.

R-8/**A** 

water bole 203

# Handspecimen Description:

This specimen is a medium to dark grey, greenish grey weathering, blocky fractured, dense, aphanitic volcanic? rock crosscut by several hairline veinlets in fracture fillings.

#### Thin Section Description:

In thin section this specimen displays a typical pyroclastic fabric consisting of glass shards, pumice lapilli (up to 3 mm), broken crystal fragments and a trace of minute (less than .5 mm) phenocrysts of sanidine, quartz and plagioclase. Minute platy aggregates of green biotite occur scattered throughout the rock and within the pumice lapilli. The specimen is completely devitrified but shard and pumice textures are still evident. Glass shards are devitrified to quartz (variety unknown?) and possibly feldspar and set in a felsitic, cryptocrystalline groundmass. Along with the disseminated minute platy biotite aggregates the groundmass of the rock is pervaded by a felted submicroscopic platy mineral (montmorillonite?).

The section is cut by several hairline quartz veinlets displaying incipient recrystallization textures. These quartz veinlets display recrystallization textures and are cut and displaced by a later generation veinlet/fracture filling. The later veinlet/fracture filling consists primarily of biotite with some quartz whereas the first generation veinlets consist almost entirely of quartz.

#### Mineralogy:

- Phenocrysts less than 1% of rock less than 1/2 mm. Phenocrysts of quartz, sanidine and plagioclase are present in the rock. Some crystals display recrystallization textures.
- <u>Pumice</u> less than 1/2% of rock up to 3 mm pumice are non collapsed-voids filled with quartz and pumice devitrified to submicroscopic quartz and feldspar.
- Groundmass composed of devitrified glass shards and broken crystal fragments set in a crystofelsitic altered (montmorillonite) groundmass. Minute biotite plates and aggregates are disseminated throughout the rock occurring in occasional clots (biotite perhaps 5% of total rock). Trace of euhedral zircon in groundmass.

#### Alteration:

This tuff is non welded but appears to have undergone at least two phases of alteration; the first being the devitrification and argillization (mont-morillonite?) of the glass content of the rock. This alteration was followed by implacement of hairline quartz veinlets which were subsequently cut and offset by a later generation of veinlets/fracture fillings. This second generation of fracture filling/veinlet probably accompanied a slight metamorphism which generated the observed recrystallization features and produced the abundant disseminated biotite plates and aggregates.

#### Rock Name:

Devitrified, slightly recrystallized, nonwelded rhyolitic ashflow tuff.

Conoro-Waterhale Project

#### WR-23

#### Handspecimen Description:

This rock is a dark to medium grey crystal rich pyroclastic rock (tuff) containing abundant plagioclase phenocrysts and crystal fragments and fine grained disseminated to clotty biotite in a dense aphanitic matrix.

## Thin Section Description:

In this section this rock displays a pyroclastic texture and consists of abundant subhedral, slightly embayed plagioclase phenocrysts and crystal fragments, devitrified pumice lapilli, and fairly abundant trachy andesite lithic fragments set in a very fine grained allotriomorphic granular groundmass of quartz, feldspar, and abundant biotite.

#### Mineralogy:

Phenocrysts and crystal fragments - 40% of rock.

Plagioclase - 98% of phenocrysts 4 x - fragments - subhedral, slightly corroded, "dusty" grains and fragments - moderately argillized (no An content measurements available by flat stage methods).

Grains up to 1 mm.

Quartz - < 2% of phenocrysts/  $\kappa$ /- fragments - up to 1/2 mm.

## Pumice lapilli - 5% of rock

devitrified to fine grained allotriamorphic granular quartz-feldspar (plagioclase). Minor fine grained disseminated biotite occurs in these pumice lapilli. Up to 6 mm.

#### Lithic fragments - 3% of rock

Almost all lithic fragments are of a slightly porphyritic trachyandesite rock type consisting of minute plagioclase laths in a trachytic fabric. One, slightly more acidic. devitrified tuffaceous? fragment was observed. Minor disseminated biotite (as in groundmass) occurs within the lithic fragments also.

#### Groundmass - 52% of rock

Quartz-feldspar (plagioclase) - 60% of matrix - very vine grained allotriomorphic granular textured groundmass - both quartz and plagioclase in interlocking subpolygonal mosaics quartz is not sieve-like or spongy. Trace K-spar?

Biotite - 40% of matrix - as discrete anhedral minute flakes disseminated throughout groundmass. Also in a couple of coarser grained clots intergrown with coarse muscovite.

 $\underline{\text{Muscovite}}$  - less than 1% - as small sieve textured grains and as replacement of biotite in coarse grained, recrystallized clots.

Conoco - Waterhole Project

#### WR-23

Magnetite - less than 1/2% - minute disseminated granules - trace small euhedral grains (these partially altered to hematite).

Accessories - trace zircon

#### Alteration:

Alteration in this section consists of slight to moderate argillization of feldspar phenocrysts. The ab undant groundmass biotite and two recrystallized clots are the result of slight thermal metamorphism which also is responsible probably for the subpolygonal mosaic textured felsic groundmass.

#### Rock Name:

Slightly recrystallized dacitic crystal tuff.

#### Handspecimen Description:

This rock is a medium grey, fine grained dense, porphyritic rock containing phenocrysts of feldspar and minor quartz in a dense siliceous matrix containing minute disseminated ferromag/magnetite grains.

#### Thin Section Description:

In thin section this rock is porphyritic, consisting of subhedral corroded phenocrysts of plagioclase, trace sanidine, and anhedral to broken and embayed quartz set in a microcrystalline felsic matrix. Scattered throughout the matrix are clots of fine grained aggregated biotite (secondary biotite). The microcrystalline matrix varies in texture from slightly trachytic to equigranular bordering on a polygonal fabric. These more equigranular polygonal areas may represent younger hydrothermal solution activity but this is not conclusive. The sample is cut by minor hairline fractures containing limonite and a ferromage?).

#### Mineralogy:

Phenocrysts: approximately 8% of section.

<u>Plagioclase</u> - 85-90% of phenocrysts - subhedral corroded grains (up to 2 mm) and glomeroporphyritic clots. Plagioclase is moderately argillized and incipiently altered by micro-grained disseminated, randomly oriented sericite blades.

<u>Sanidine</u> - trace - moderately argillized and containing scattered microsericite blades.

Quartz - 10-15% of phenocrysts - anhedral embayed and corroded phenocrysts up to 3 mm but generally less than 1 mm.

Matrix - approximately 92% of section.

<u>Quartz-feldspar</u> - 72% of matrix - microcrystalline intergrowths ranging from an equidimensional subpolygonal fabric to a subtrachytic fabric containing recognizable plagioclase microlites.

<u>Biotite</u> - 25% of matrix - green brown - fine grained granular clots and irregular networks and stringers.

<u>Sericite</u> - perhaps 4% of matrix and of section - disseminated randomly oriented micro blades ubiquitous throughout matrix and in phenocrysts. Locally more concentrated in association with secondary biotite clots and along minute veinlike stringers.

Zircon - trace

Apatite - trace

Opaque - less than 1% - fine grained granular magnetite(?) and/or sulfide(?) associated with biotite clots, also as minute scattered subhedral grains and trace along fractures. In part altered to hematite - limonite.

#### Alteration:

Alteration of this rock consists of incipient sericitization and development of secondary biotite. The different matrix textures may represent hydrothermal solution activity but mineralogical differences (i.e., silica vs. feldspar) were not apparent between these textural different areas.

#### Rock Name:

Hydrothermal altered rhyolite - either a shallow intrusive or flow.

## WEEKLY DRILLING SUMMARY

METALLURGICAL TYPE (S): Sulfide ASSAY DATA: none available to date

COMMENTS:

WEEK ENDING Mar	ch 14, 1975	PROSPECT	Waterhole
*	d d	DRILL HOLE No.	RWH-3
A		LOCATION Se	ction 8 T9N, R28E
		COORDINATES	
		LOGGED BY	B. R. Berger
CURRENT DEPTH	440 <b>'</b>	INCLINATION ve	rtical BEARING_
TOTAL DEPTH	440 <b>'</b>		
STARTING DATE	February 26, 1975	COMPLETION	March 7, 1975
DEPTH TO BEDROCK	0	•	
ROTARY FOOTAGE	440'	CORE FOOTAGE _	
ROCK TYPES:	Triassic metavolcanics		
- -			
ALTERATION:	Quartz, epidote, pyrite,	magnetite	
MINERALIZATION:			

Hole abandoned in broken, caving, ground

MAP REFERENCES

Conoco-Waterhole Project

WEEKLY DRILLING SUMMARY	
WEEK ENDING March 7, 1975	PROSPECT Waterhole
	DRILL HOLE No. RWH - 3
	LOCATION Section 8, T9N, R28E
	LOCATION Decoion 0, 1911, 120E
	COORDINATES
	LOGGED BY B. R. Berger
CURRENT DEPTH 380'	INCLINATION vertical BEARING
TOTAL DEPTH	
STARTING DATEFebruary 26, 1975	COMPLETION
•	COM BBITON
DEPTH TO BEDROCK 0	
ROTARY FOOTAGE 380'	CORE FOOTAGE 0
ROCK TYPES: Triassic metavolcanics	
111 abbit medavolemies	
ALTERATION: Quartz, epidote, pyrite, magne	tite
MINITID AT TIZ ADITON -	
MINERALIZATION:	
METALLURGICAL TYPE (S): Sulfide ASSAY DATA: none available	
COMMENTS:	

MAP REFERENCES

WEEKLY DRILLING SUMMARY	
WEEK ENDING February 28, 1975	PROSPECT Waterhole
	DRILL HOLE No. RWH - 3
	LOCATION Section 8, T9N, R28E
	COORDINATES
	LOGGED BY B. R. Berger
CURRENT DEPTH 80'	INCLINATION vertical BEARING_
TOTAL DEPTH,	
STARTING DATE 2-26-75	COMPLETION
DEPTH TO BEDROCK 5'	
ROTARY FOOTAGE 80'	CORE FOOTAGE
ROCK TYPES: Metavolcanics	
ALTERATION: Quartz, pyrite, magnetit	e, epidote
MINERALIZATION:	
METALLURGICAL TYPE (S): Sulfide	
ASSAY DATA: No assays to date .	
COMMENTS: Offset to hole RWH - 2 Drilling with rotary and	mud.

WEEKLY DRILLING SUMMARY		
WEEK ENDING. February 28, 1975	PROSPECT	Waterhole
	DRILL HOLE No.	RWH - 3
	LOCATION Se	ction 8, T9N, R28E
	COORDINATES	
- 1985년 - 1985년 - 1985년 1985년 1985년 1985년 - 1985년 1985년 - 1985년 - 1985년 1985	LOGGED BY	B. R. Berger
CURRENT DEPTH 80'	inclination v	ertical BEARING
TOTAL DEPTH		
STARTING DATE 2-26-75	COMPLETION	
DEPTH TO BEDROCK 5'		
ROTARY FOOTAGE 80 '	CORE FOOTAGE	
ROCK TYPES: Metavolcanics		
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
ALTERATION: Quartz, pyrite, magne	tite, epidote.	
:		•
MINERALIZATION:		

COMMENTS:

METALLURGICAL TYPE (S): Sulfide ASSAY DATA: No assays to date .

Offset to hole RWH - 2 Drilling with rotary and mud

PROJECT Water hole
HOLE NO. RWH-3 CONOCO - DRILL LOG MINERALS EXPLORATION SECTION S TWP 9N RANGE 28E ~6400' ELEV.\_\_ COORDINATES\_ TYPE DRILL Mayhew 1000 BIT 5 1/8", 434 Tricane INCLINATION Vertical BEARING START 2/26/75 COMPLETION DOGGED BY BEB FOOTAGE: CORE\_\_\_\_\_ROTARY\_\_ CONTRACTOR EK/ynd-Gene Martin SCALE \_\_\_ OBJECTIVE TEST high sulfide area near Waterhole STOPPED BECAUSE\_ ROCK ALTERATION MINERALS OXIDE SULFIDE FOOTAGE ASSAY DATA TYPE ZONE SKARN INTRUSIVES ZONE DEPTH W LITH VOLBK

PROJE	CT	Water	hoke	
HOLE	NO	KW4	<u>'-3</u>	
TOTAL	FOOT	<b>AGE</b>		

H NO	OH 6	GEOLOGY
DEPTH RUN BOTTOM	GRAPHIC LOG	DESCRIPTION AND REMARKS
<del>-                                      </del>		
113	-	ALSO FIDM KKS at MAGNETITE MUSTLY OXIDIZED ABOVE 140-45 FEET
10		Pa Some Manganese Starw
1/5		
20		BO PRIMARILY TUFFACEOUS RX
ZS		
30		20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
33		<del>                                      </del>
40		SOME FRESH PYRITE 2-5% /M A FEW CLASTS, BUT MIWAR OVERALL
_1_1_1_		The Court Resource Asia Court State Court
45		BO SOME BRONN MICH? FLECKS CESS OXI DATION
150		PORPHARITIC RETMED SRAPMED IN PLACES HIMMOR TUPE (TO 58 PYRITE)
.55		BO WITH 2-28 MAGNETLITE; PVRITE SILVERY AND IM CLUSTERS
100	.	ED MUCH LESS PURITE 1/28 OR SO BUT LOTS OF MAGNETITE
45		ED WITH MUCKERISED PURITE TO 23% OR SO
1/10		BU WITH SOBA MIKTURE OF OTZ-RICH GREENISH VULL ABOUT SER PYRITE
1175		MUSTLY POR MOLIC WILESS PYRITE
27		GRAY SILL WOLL WIMBOUT 5% PVICITE
100		
85		GRAY H GREEN PYRITI RED VOLC
100		
+1/1	4	
95		

PROJECT Waterhole

HOLE NO. RWH-3

TOTAL FOOTAGE

TH OM	2	GEOLOGY
DEPTH RUN BOTTOM	GRAPHIC LOG	DESCRIPTION AND REMARKS
<del>111</del>		
100		MOETLY BARK SKEEN AND BLK WILL WINCREAS ING EPIDOTE
100		BLK VOLC W/158 EP1 972=1 PVR17E 458 MT=1
110		
1/5		
1/20		WINCH THE LAND TO THE ATTENDED
1/4		MUCH LESS EPI (SPA) WITH GIZEZ AND PYRITE AS ABOVE
1/2/5		MUNED GRAY AND BUK GET PUET EPIET PYRITES-8%
130		GRAY AND GREEN SILICA FLOODED VOIC 0=3 PV=3 EPI=3
1/80	$\mid \cdot \mid$	MOSTLY GRAM WIGRU VOLC Q=3 PV=3 EPV=2
THE	<b>'</b>	
14		
1/4	þ.	
155		<b>720</b>
100		VIGATES COCOR DUE TO VITEUSI FYING DET PLOUDING MINDS VI GAN EPI
166	1	BO SOME CLEAR GITE FRAGMENTS GES PYES (SO) EDIEL MITEL STILL, BUT MUCH LESS
//70	<b>,</b>	DO MUCH MORE GITZ FRAG (8-10% PV UN PLACES)
11/2		EU W LESS GITZ LETT SOME GIZ WY PINKUSH CAST
781	1	ALC GRAY HECKEN VOLG QES PYES (SP) EPIEI MTEI
185	1	VERY SILICEOUS WOLC WIPHRITE SOME PINK OTZ PY=Z Q=3 EP) =1 MT=0
190		
	7	

PROJECT Waterhole

HOLE NO. RWH-3

TOTAL FOOTAGE

REMARKS	02 12 22 12 12 12 12 12 12 12 12 12 12 12
175	2 2 2 2 2 2 2
195   CONTAMINATED WOXIDIZED MATEXIAC  200   Example of the contraction of the contractio	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Zes Contaminated WoxiBized Material  Zeo Exo De Do III	
Zes Contaminated w/oxidized material  Zeo Bo U U U U U U U U U U U U U U U U U U	
205 CONTAMINATED WONDERD MATERIAL  210 BO 11, 10 TO 11	
205 CONTAMINATED WONDERD MATERIAL  210 BO 11, 10 TO 11	
240	
240	
	+++
220 BCAY-BEN 1040 HBCK VOLC PY=3 0=3 EPN=1	
225 82	
DERO WHEREON SIVICA FRANKA AZ DIJ ZBIZA	
230 MARTISED SILIGA FLOQUING 0=3 PM-12 EPI =1	
23 EO SOME PUNK ONE	++
<b>275 20 11 11 11 11 11 11 11 1</b>	
250 BU W NORTHSING PURITE TO 596 0=3 PM=3	+++
	++
ZSS MUXZD BUX VOCC W/ABOVE S-890 AV VIM PCACES W/8)	
265 270 20 20	
276 26 11 11 11 11 11 11 11 11 11 11 11 11 11	
	44
	44
<b>208 D</b>	
	. Tr. Baldie

# WEEKLY DRILLING SUMMARY

DRILL HOLE No. RWH - 2  LOCATION Section 8, T9N, R28E	
LOCATION Section 8, T9N, R28E	
마이트 등 다른 경우를 되고 있다면 보다 하는 것이 되었다. 그는 것이 되는 것은 것이 되는 것이 되는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 	
그는 그는 그는 이번 이번 가는 한 것 않는 학생들은 한 사람들이 가는 사람들이 그 모든 그를 가는 것이 되는 것이 되었다. 그는 그는 그를 가는 것이 되는 것이 되었다. 그렇게 되었다.	
COORDINATES	47 (4.3
LOGGED BY B. R. Berger	
CURRENT DEPTH INCLINATION Vertical BEARING	
TOTAL DEPTH 125'	
STARTING DATE 2-22-75 COMPLETION	
DEPTH TO BEDROCK 5'	
ROTARY FOOTAGE 125' CORE FOOTAGE	

ROCK TYPES: Metavolcanics

ALTERATION: Quartz, pyrite, magnetite, epidote

MINERALIZATION:

METALLURGICAL TYPE (S): Sulfide ASSAY DATA: No assays to date

COMMENTS:

Lost to caving ground Hole drilled with air and down hole hammer Offset to RWH-1

WEEK ENDING February 28, 1975	PROSPECT Waterhole	
	DRILL HOLE No. RWH - 2	
	LOCATION Section 8, T9N, R28E	
	COORDINATES	
	LOGGED BY B. R. Berger	
CURRENT DEPTH	INCLINATION Vertical BEARING	
TOTAL DEPTH 125'		
STARTING DATE 2-22-75	COMPLETION	
DEPTH TO BEDROCK 5'		
ROTARY FOOTAGE 125'	CORE FOOTAGE	
ROCK TYPES: Metavolcanics		
가는 사람들이 되었다. 그런 사람들은 사람들이 되었다. 그 사람들이 되었다. 		
ALTERATION: Quartz, pyrite, magnetite,	epidote .	
MINERALIZATION:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

METALLURGICAL TYPE (S): Sulfide ASSAY DATA: No assays to date

Lost to caving ground Hole drilled with air and down hole hammer

Offset to RWH-1

# WEEKLY DRILLING SUMMARY

WEEK ENDING February 24, 1975	PROSPECT Waterhole
	DRILL HOLE No. RWH -1
	LOCATION Section 8, T9N, R28E
	COORDINATES
	LOGGED BY B. R. Berger
CURRENT DEPTH	INCLINATION vertical BEARING
TOTAL DEPTH 75'	
STARTING DATE 2-20-75	COMPLETION 2-20-75
DEPTH TO BEDROCK	
ROTARY FOOTAGE 75'	CORE FOOTAGE
ROCK TYPES: 0 - 75 Triassic tuff and tuff	breccia
ALTERATION: 0 - 75 Silicification 45 - 75 Epidote	
MINERALIZATION: 0 - 75 Pyrite and magnetit	ce (oxidized above 40 feet)
METALLURGICAL TYPE (S): 0 - 40 Oxide ASSAY DATA: 40 - 75 Sulfide None available	
COMMENTS: Water at 50'; lost due to cavir 20 ft. of casing at top of hole	ng around collar. Will be redrilled with

MAP REFERENCES

PROJECT WATERHOLE
HOLE NO. RWH-Z CONOCO - DRILL LOG MINERALS EXPLORATION v 6400 ELEV.\_\_ SECTION 8 TWP 9N RANGE 285
TOTAL FOOTAGE /25' COORDINATES\_ TYPE DRILL Mayhew 1000 BIT 5" Hammer INCLINATION bertical BEARING START 2-22-75 COMPLETION 2-25-75 FOOTAGE: CORE ROTARY 125'
CONTRACTOR EKlung Gene Martin
OBJECTIVE TEST high Sulfida Zone LOGGED BY BRB to 600-700 STOPPED BECAUSE Lost to caving In heavy water flow @ 125' ALTERATION MINERALS ROCK OXIDE SULFIDE FOOTAGE ASSAY DATA TYPE ZONE ZONE DEPTH W LITH STR VOLBR

PROJE	:cт <u></u>	VATERHOLE	
HOLE	NO	W4-Z	
TOTAL	FOOTAGE	125'	

	GEOLOGY	
GRAPHIC LOG	DESCRIPTION AND REMARKS	
5	<u> - ~ ~ 4 ~ で ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</u>	888
	VOLC BREACHA AND WELDED THAT WHITH INTENSE SILICIALATION OR	
	RECRYSTACLIZATION, REDUX REPLACED DISSEMINATED AVAITE CUBES OF MAGNE	717
		حل ا
	DO REDDVSH BROWN CVMONITE AUSO MANGAWESE STAIN ALL PRACTURE CONTROL	LED
		++
-		
	<b>Bo</b>	
	MIKED GRAY METAVOLC H OXIDIZED VOLCS	
	MACO GRAN MENTONE TO PARTICLE VOLES	+++
l		
	ALL GRAY VOLC WITH 5-10% PYRITE+ MT BASSEMINATED EPIBOTE XTLS	
	ALL GRAY VOLC WITH 5-10% PYRITE+MT DISSEMINATED EPIBOTE XTLS	
•		
	ALL GRAY VOLC WITH 5-10% PYRITE+MT DISSEMINATED EPIBOTE XTLS	CA
	ALL GRAY VOLC WITH 3-10% PVRITE+MT DISSEMINATED EPIDOTE XTLS  DO ABOUT 3-9% PYRITE  DO VARIABLE PVRITE IN CLASTS, PROBABLY AVG USY DARK GREEN-BAN MI	CA
	ALL GRAY VOLC WITH 5-10% PVRITE+ MT DISSEMINATED EPIDOTE XTLS  DO ABOUT 3-5% PYRITE	CA
-	ALL GRAY VOLC WITH 3-10% PVRITE+MT DISSEMINATED EPIDOTE XTLS  DO ABOUT 3-9% PYRITE  DO VARIABLE PVRITE IN CLASTS, PROBABLY AVG US% DARK GREEN-BAN MI  DO MT MAY BE GREATER THAN 1%	CA
	ALL GRAY VOLC WITH 3-10% PVRITE+MT DISSEMINATED EPIDOTE XTLS  DO ABOUT 3-9% PYRITE  DO VARIABLE PVRITE IN CLASTS, PROBABLY AVG USY DARK GREEN-BAN MI	CA
	ALL GRAY VOLC WITH 5-10% PVRITE+MT BISSEMINATED EPIBOTE XTLS  BY ABOUT 3-5% PYRITE  VARIABLE PYRITE IN CLASTS, PROBABLY ANG USY DARK GREEV-BAN MI  BO MT MAY BE GREATER THAN 1%  BO	<i>CA</i>
	ALL GRAY VOLC WITH 3-10% PVRITE+MT DISSEMINATED EPIDOTE XTLS  DO ABOUT 3-9% PYRITE  DO VARIABLE PVRITE IN CLASTS, PROBABLY AVG US% DARK GREEN-BAN MI  DO MT MAY BE GREATER THAN 1%	CA
-	ALL GRAY VOLC WITH 5-10% PVRITE+MT BISSEMINATED EPIBOTE XTLS  BY ABOUT 3-5% PYRITE  VARIABLE PYRITE IN CLASTS, PROBABLY ANG USY DARK GREEV-BAN MI  BO MT MAY BE GREATER THAN 1%  BO	
	ALL GRAY VOLC WITH 3-10% PVRITE+MT DISSEMINATED EPIDOTE XTILS  BIO ABOUT 3-5% PVRITE IN CLASTS, PROBABLY AVG VS% DARK GREEN-BRW MI  BIO MT MAY PRE GREATER THAN 1%  BIO DIO DIO DIO DIO DIO DIO DIO DIO DIO D	
	ALL GRAY VOLC WITH 5-10% PVRITE+MT BISSEMINATED EPIBOTE XTLS  BY ABOUT 3-5% PYRITE  VARIABLE PYRITE IN CLASTS, PROBABLY ANG USY DARK GREEV-BAN MI  BO MT MAY BE GREATER THAN 1%  BO	
	ALL GRAM VOLC WITH 5-10% PYRITE + MT DISSEMINATED EPIDOTE XTLS  DO MEOUT 3-5% PYRITE IN CLASTS, PROBABLY AVG US% DARK GREEN-BAN MI  DO MT MAY BE GREATER THAN 1%  DO  DO  JARGE BOOKS OF DARK GREEN MICACEOUS MINERAL	
	ALL GRAY VOLC WITH 3-10% PVRITE+MT DISSEMINATED EPIDOTE XTILS  BIO ABOUT 3-5% PVRITE IN CLASTS, PROBABLY AVG VS% DARK GREEN-BRW MI  BIO MT MAY PRE GREATER THAN 1%  BIO DIO DIO DIO DIO DIO DIO DIO DIO DIO D	
	ALL GRAM VOLC WITH 5-10% PYRITE + MT DISSEMINATED EPIDOTE XTLS  DO MEOUT 3-5% PYRITE IN CLASTS, PROBABLY AVG US% DARK GREEN-BAN MI  DO MT MAY BE GREATER THAN 1%  DO  DO  JARGE BOOKS OF DARK GREEN MICACEOUS MINERAL	

CON									-																	Ρ	RC	J	ΕC	T.				U	1/4	7	B	K	4	0	<u>_</u>	<u>e</u>	=					
MIN	E R	ALS	3	EX	P	LO	R	٩Т	IC	N																Н	OL	.E		N	0.				R	u	14	<u>L.</u>		2	<u>_</u>							_
ELEV.											·····		· .																															_			_	
OOR	DIN.	ATE RILI	s_			-										-										S	EC	TIC	N.							_T \	٧P		/5	_	4	RAI	ΝG	θE.	- 1			
NCLI	NA.	TION	- <u></u>					-	ВЕ	EAF	L C	NG.						-								51	ΟΤ. ΓΔί	AL RT		FO	OT.	ΑG	E.			<u></u>	M	-/- DI	<u>~</u>	<u>د</u> ۱۵	N							
00TA	AG E	:co	RE						R	OT/	١R	Υ_														L	OG	GE	D	E	3 Y .						/141 )	_	- 1	-								_
NCLI OOTA ONT BJE	RAC	TOF	₹					-		<del></del>	<del></del>						P	1/4	70		7	,	74		7	S	CA	LE	_		-	-							_									_
TOP	PED	ν <u>⊢</u> Β	EC/	AUS	E_													7	ے			- 0	7		_																		•			-		_
	=	<u> </u>										_				-	==									_				_	_					_	_						_					_
F00	ΓA G E	:		TYP	E		FRAC	ā	URE	-		SKA	ARN	RA	TIC	T			INT	MII FRL	N E I	VE:	.s s			┥	0	KID ZON	E			St	JLF ZON	ID: NE	Ε	ZONE			4	488	AY	<b>.</b> .		D	ATA	١		
REC	DEI	PTH. JN TOM	JGE	ROC TYP	н	COR	Į,		TEXT	277	AR	<u>_</u>	¥ _	2 4	4	200	9	Z1	۲ ۲	Ę,	A 4	d X	A S		J IN		¥ W	- 6	3	2	<u>\</u>	چ د	وا		1 10	4 1		u Lu	N	Ao		Ag		Au		эь	Τ	z
				T.	+	) 	ľ	7	_	96	) (S	ш.	<b>₹ 0.</b>	0 6	9 6	9	8	00	၇ပ	01	ШΟ	9 <	∢ ∑ ₩	9.6	ē	o	I	<u>ಪ</u>	9	6	· O	ě	2	00	e	6. Z		-	l		l			==	+	_		
16.4	5 9	<b>~ 8</b> 0	)일:	3 2	4	15		9	8 2	120	32	525	272	88	38	31	333	34	36	37	39	8	42	43	45	46	48	49	3	52	35	55	218	2000	8	<u></u>	63	65	99	9	8	25	72	73	12	9/	78	2
╂┼	$H_{\boldsymbol{\lambda}}$	XX	10	1/2	1/	/ 21	$\vdash$	H	+		+		4	+	$\perp$	4	$\perp$	4	+	$\sqcup$	$\downarrow$	$\coprod$	1	-	-	$\downarrow$	1	4	$\perp$	4	$\coprod$	_	$\sqcup$		П	1	$\sqcup$	_	Ц	1	$\prod$	_	$\coprod$	4	$\coprod$	$\downarrow$	1	Ļ
H	- /	9	4	VO	H	#	$\dashv$	H	+	3	+	3	$\mathbb{H}$	+	$\mathbb{H}$	+	$\dashv$	$\perp$	+	dash	+	H	+	$\parallel$		$\dashv$	+	4	$\dashv$	_3	1	+	${f \parallel}$	7	H	-	H	-	$\parallel$	+	$\sqcup$	$\perp$	$\downarrow \downarrow$	1	+	-	+	H
${}^{+}$	H/	05	7	5	커	4	H	H	+	╫	+	#	+	+	H	+	+	$\dashv$	+	${f H}$	+	+	+	$\dashv$	+	$\dashv$	+	$\vdash$	$\dashv$	$\mathbb{H}$	H	+	H	#	H	+	H	+	H	+	H	-	$\dashv$	$\downarrow$	++	+	╀	F
$\dagger \dagger$		1	${}^{\dagger}$	+	bl	K	H	H	+	╫	+-	╫	+	+	+	+	+	.		$\ \cdot\ $	+		+ .		-	+	+	+	+	H	+	+	+	∦.	++	+	H	+	H	╀	H	+	H	+	+	+	+	ŀ
$\prod$		10	Ħ	1	$\uparrow \uparrow$	$\dagger$	$\parallel$	$\dagger \dagger$		$\parallel$	+	$\parallel$	$\dagger \dagger$	+	$\dagger$	$\dagger$	H	+	$\dagger$	H		$\dagger \dagger$	+	+	+	+	$\dagger$	+	$\dagger \dagger$	$\forall$	+	+	${\dagger}$	$\parallel$	H	+	${\sf H}$	+	H	+	Н	+	H		++	+	+	H
П		] [	5		丌	1	Ħ	$\dagger \dagger$	+		+	#	H	$\dagger$	$\dagger$	$\dagger$	$\dagger \dagger$	+	$\dagger$	$\dagger \dagger$	+	††	-		1	1	H	+	$\dagger \dagger$	+	††	+	† †	H :	†-†	$\dagger$	$\dagger \dagger$	$\dagger$	H	$\dagger$	H	+	H	$\vdash$	++	+		F
$\prod$		15	Z	I	$\prod$	$\sum$		$\prod$						1			П	1	$\dagger$	П		$\dagger \dagger$	$\dagger$			1		$\dagger$	$\dagger$	1				$\parallel$	$\dagger$	†	1	+	$\dagger$	†	$\dagger \dagger$	$\top$	H	$\vdash$	$\dagger\dagger$	+	+	r
	Ш	Д	$\prod$		<u> </u>	I		П		$\prod$									I							J							Π		$\prod$	1		1	П	T		$\top$	$\prod$		$\prod$			T
$\coprod$	1	20	Щ	1		1	$oxed{oxed}$	Ц		Щ		$\prod$	Ц	$\int$	Д			I				$\prod$							П				П					I										
$\!$		$\bot$	4	Щ,	21	$\perp$	$\parallel$	Ц	1	$\parallel \parallel$	$\perp$	$\parallel$	$\perp \mid$	1	$\perp$	$\coprod$	Ц			Ц	1	Ц	$\perp$	Ц			Щ		Ц	$\prod$	$\coprod$		$\prod$		$\prod$	$oxed{L}$	$\prod$			I		I	П			I		
$\vdash$	$ \mathcal{A} $	24	<b>Y</b>	14	4	¥	$\mu$	$\coprod$	1	V	-	1	$\downarrow \downarrow$	1	$\downarrow \downarrow$		Ц	$\downarrow$			-		1	$\sqcup$	-	$\downarrow$	$\downarrow \downarrow$	1		N	4		Ц	Y		1	Ц		$\prod$		$\prod$		Ц		$\prod$	$oldsymbol{I}$	$\Box$	Ĺ
$\vdash$	H	+	H	$\dashv$	$oxed{+}$	$\mathbb{H}$	4	H	+	H	+	H	$\mathbb{H}$	4	Н	4	+	-	-	$\sqcup$	_	H	+	$\sqcup$	$\downarrow \downarrow$	4	$\parallel$	+	$\parallel$	$\downarrow$	$\sqcup$	1	$\coprod$	4	$  \downarrow  $	1	$\sqcup$	_	$\coprod$	$\perp$	$\downarrow \downarrow$	4		4	$\coprod$	1	$\perp$	L
+	H	$+\!\!+$	+	+	H	+	$\dashv$	H	+	H	+	H	H	+	$\dashv$	$\dashv$	+	$\dashv$	-	H	+	$\dashv$	+	H	+	$\downarrow$	+	+	$\dashv$	+	$\dashv$	-	$\left  \cdot \right $	+		+	ert	-	ert	+	H	4	H	+	$\perp \downarrow$	+	!	H
$\dagger \dagger$	H	+	H	+	${\sf H}$	+	${\mathbb H}$	H	+	H	+	H	H	+	+	+	H	+	+	H	+	+	+	H	+	+	+	+	$\dashv$	+	+	+	$\dashv$	+	$\vdash$	+	H	$\dotplus$	${\mathbb H}$	+	H	+	H	+	H	+		H
††	H	+	$\dagger \dagger$	$\dagger \dagger$	$\dagger \dagger$	$\dagger$	$\dag \uparrow$	$\dagger\dagger$	+	H	+	H	$\dagger$	+	H	$\dag$	$\dagger \dagger$	+	+	H	+	$\forall$	+	H	H	+	H	+	H	+	+	+	$\dashv$	+	H	+	H	+	$\dashv$	-	H		H	+	H	+		H
$\dagger \dagger$	Ш	11	$\dagger\dagger$	$\dagger \dagger$	$\dagger \dagger$	+	$\dagger$	H	+	$\dag$	+	$\parallel$	$\dagger$	+	$\dagger \dagger$	$\dagger$		+	T	H	+	+	+	H	$\dagger \dagger$	$\dagger$	$\dagger$	+	$\dagger \dagger$	+	$\dagger\dagger$	+	$\forall$	+	H	+	H	+	+	+	H	-	H		H	+	H	F
$\prod$		11	$\prod$	$\prod$		T	$  \uparrow  $	$\dagger \dagger$	+			1	$\dagger$	1	H	Ħ		$\dagger$	1		+		T	$\parallel$	$\dagger \dagger$	T	$\parallel$	1	$\dagger \dagger$	$\dagger$	$\dagger \dagger$	+		$\dagger$	$\parallel$	$\dagger$	$\mid \uparrow \mid$	+	$\mid \uparrow \mid$	+	$\dagger \dagger$	+		+	$\dagger \dagger$	+	Н	Γ
	Ш							$\prod$	Ī									J	Ī					Ħ	Ħ	1		1		1	T	1				1	H	+		1	H	$\dagger$	$  \cdot  $	1	$\dagger \dagger$		$\dagger \dagger$	_
$\coprod$	Щ	$\coprod$					$\coprod$	$\coprod$	1	$\prod$				$\int$		$oxed{I}$		I								I				I						brack I					П						$\prod$	_
$\coprod$	Щ	$\perp \! \! \perp$	$\coprod$	$\prod$	$\sqcup$	$\perp$	Ц	Ц				Ц	Ц	$\perp$			Ш	$\int$				П		$\coprod$		$\int$	П				$\prod$			Ι		$\prod$	I											L
$\!$	H	- -	$\coprod$	$\coprod$	$\sqcup$		H	$\coprod$	1	$\sqcup$			Ц	1	$\sqcup$	$\perp$			$\perp$		1	$\sqcup$	Ц	Ц	$\perp$	1	$\downarrow \downarrow$	1	Ц	1	Ц	1	Ц			$\prod$		$\prod$		$\perp$	$\coprod$		Ц		$\prod$			_
H	H	+	+	+	H	+	ert	H	+	$\sqcup$	+		$\mathbb{H}$	$\downarrow$	$\mathbb{H}$	1	$\sqcup$	+	1	$\sqcup$	1		H	$oxed{\downarrow}$	$\sqcup$	1	$\sqcup$	$\bot$	$\sqcup$	1	$\downarrow \downarrow$	-	Ц	1		$\coprod$					Ц	$\perp$			Ц		$\prod$	<u> </u>
+	H	$+\!\!\!+$	H	+	$\dashv$		$\dashv$	H		H	+	H	+	+	+	+	H	+	1		+	- -	$\dashv$	$\prod$	$\downarrow \downarrow$	1	$\ \cdot\ $	+	$\downarrow \downarrow$	+	11	4-	1	+	$\sqcup$	$\parallel$	$\sqcup$	$\bot$	4		Ц	1		1	$\coprod$	+	Ц	_
${\dagger}$	H	++	${+}$	+	+		+	H	+	H	+		+	+	H	+	+	+	+	$\vdash$	+	H	+	$\parallel$	H	+	$\dashv$	+	H	+	H	+		$\perp$	$\sqcup$	$\mathbb{H}$	+	H	$\perp$	$\perp$	Н		H	4	$oxed{+}$	$\downarrow$	$\downarrow \downarrow$	
$\dagger \dagger$	HH	+	+	+	$\dagger \dagger$		H	$\dagger\dagger$	+	H	-		$\mathbb{H}$	+	H	+	H	+	+	H	+	H	$\mathbb{H}$	$\dashv$	H	+		+	H		H	+		+	$\dashv$	+	+	$\mathbb{H}$	+	$\perp$	$\dashv$	+	H		H	+	$ \cdot $	-
$\dagger \dagger$	$  \cdot  $	$\dagger \dagger$	$\dagger \dagger$	#			H	$\dagger \dagger$	T	T		H		+	H	+	$\dagger \dagger$	$\dagger$	$\dagger$	$\dag \dagger$	+	$\parallel$	$\dagger$	$\vdash$	H	+	H	+	H	$\dagger$	H	+	$\parallel$	+	$\vdash$	H	$\dagger$	+	+		$\dashv$		Н	+	H	+	H	-
$\prod$		11		$\dagger \dagger$	$\dagger \dagger$		H	II		I				$\dagger$	H	1	$\dagger \dagger$	+	$\dagger$			$\parallel$	$\parallel$	$\dag$	$\dagger \dagger$	$\dagger$	$\dagger \dagger$	+	$\dagger \dagger$	+	$\dagger \dagger$		H	H	$\dagger$	H	+		+		$\dashv$		H	+	H	+	H	77
			$\prod$		$\prod$		J	$\prod$	1					1	П		$\parallel$	1			+		T			+	$\dagger \dagger$	+	$\dagger \dagger$		$  \cdot  $	+	H	$\dagger$	1	$\dagger$	+		+		$\dashv$		H	+	H	1	H	-
$\prod$			$\prod$					$\prod$											П			H		T	П	1			П		$\prod$	1		Ħ		$\dagger$	$\dagger$	П	1		1			1		1	$  \cdot  $	_
	Ш	$\prod$	$\coprod$	$\prod$	$\coprod$			П		$\prod$		$\prod$	П	I		I	П	1			I									I		I				T								+			П	
$\parallel$	Ш	-	$\coprod$	$\downarrow \downarrow$	$\downarrow \downarrow$		Ц	$\coprod$	$\downarrow$	Ц		$\prod$	Ц		$\perp$	1	$\sqcup$	1	Ц			Ц					$\prod$		$\coprod$	$\prod$						П												_
+	H	$\dashv \downarrow$	$\coprod$	1	$\sqcup$		$oxed{\downarrow}$	$\prod$		Ц	1		$\coprod$		$\coprod$	$\downarrow$	$\sqcup$	1	4	Ц				$oxed{oxed}$			$\sqcup$	1						Ц		Ц												
+	H	+	$oldsymbol{H}$	+	H	+	dash	H	1	$\dashv$		H	$\dashv$		H	+	$\dashv$	+	$\bot$	$\dashv$	+		H	Ц.	$\parallel$	1	$\downarrow \downarrow$	1			$oxed{\downarrow}$	-	$\sqcup$	$\downarrow \downarrow$		1		Ц	1		1		1					_
++-	H	++	H	++	+	+	${\mathsf H}$	H	+	H	+	$\vdash$	$\mathbb{H}$	+	$\dashv$	+	H	+	$\perp$							+	+1						4	$\  \ $	4	$\parallel$	-	H	1		-	$\bot$						
44	11	11	$\sqcup$	44	$\bot$		Ш	11	$\perp$		$\perp$			1					1.		3													$\perp 1$						1.1	3					1.		1

PROJECT Waterhole

HOLE NO. RWH-Z

TOTAL FOOTAGE 125

		,		-									_							_									نسب									_	_			_										=
H NO	SH ∕•									:													:	(	3E	O L	00	Υ																								_
DEPTH RUN BOTTOM	GRAPHIC LOG																							NC			N				M									-												
	<u> </u>	- 0	3	ئ ئ	9	- 00	ი ⊆		21	7 4	2	2	<u>80</u>	28	12	22	24	52	2 8	28	ଷ୍ଟ	3	32	3 %	35	36	38	39	₹ 4	42	43	45	46	4 4	45	္တ	2	53	54	26 26	57	29	9	62	63	65	99	68	8	2 2	72	22
100		///	14/	7	n/I		1	4	1 9		0	<u></u>		14 =		N.	_			50	119	711				20		D.	12		- 2	1	1	11-1	1-3	7	1		0	موسد ا		$\downarrow$	100	n /		-				-	-	<u> -</u>
100			W	11	70	14	4	11	41	L	۸,۲	1	1	NE	//	7	1	4	4	1	4/	1	1	7	14	4	<u>a</u>	O	12		7	11	W	71	<u> </u>	Ч	1	7	//	/	4	7		19		57	/	1 5	-	+	-	_
103		122	<del>                                      </del>	+	$\parallel$	$\parallel$	+	$\dagger \dagger$	+	+	$\dagger$	+	+	+	H	+		H	+	H	+	+	H	+	H	+	+	H	+	H	+	+		+	$\dagger$	H	+	Н		-   -	$\dagger$	+	H	-	H	+	H	+	$\dagger \dagger$	+	+	_
		.												Ī							1	T					T		1	П							1	П		T							Ħ	+		1		<u> </u>
VVD									_					_			L		$oxed{\bot}$		1											1					I															_
115	-	a	+	+	$\parallel$	$\mathbb{H}$	+	$\mathbb{H}$	+	+			$\dashv$	4	$  \cdot  $	+	-		$\downarrow$	H	-	+		-		+	╁-	H	+	Н	+	1		+			1					_		-						1	-	<u> </u> -
118			+	+	Н	+	+	H	+	╁	-	+-	$\dashv$	+	Н	+	╁		+	H	+	╀	Н	+	H	+	+	H	+		+	+		+	+	$\parallel$	+		+	-	+	-		+	H			1	H	+	+	_
120		R	H		$\dag \uparrow$	$\dagger \dagger$	+	$\dagger \dagger$	+	+	$\frac{1}{2}$	+		+	H	+	+	H	1		+	+-	H	+	H	+	+	H	+		+	+	$\parallel$	+	+		+	H			N N	+	H	+	H	+	H	+	$\dashv$	+	-	_
												1		1					1					]							+	T		1							$\dagger$		H	-		1	H	$\dagger$	$\dagger \dagger$	$\dagger$	<u> </u>	_
125		a	<u> </u>				$\prod$		į	20	1	10.	11	0	F	1	O	4	=		1			Ţ							I									I		I						Ţ				_
+		$\parallel$	44	_		+	+	Н	1	-	1			<u> </u>	$\sqcup$	1			1	Н	4	1	Ц	_	1	-	1		_		1	1.			_		1			+	4	-		-		1		_		1	1	<del> </del>
+++		H	+	+	H		+	+-	-	+		+	H	-	H	+	+	Н	+	Н	+	+	$\vdash$	+	$\vdash$	+	+	H	+		+				-		+			-		+	H	+	$\mathbb{H}$	+	H	-	H	+	-	
111		<b> </b>	+	+	H	+	-	H	+	$\dagger$	$\dashv$	+	H	+	H	+	t	H	+	H	+	+	H	+	H	+	+	H		H	+	+			-		+			+		+		+			H	1	H	+	-	_
			$\prod$	+		$\dagger$			$\dagger$	$\dagger$							$\dagger$		+			t		T		+	T					$\dagger$			$\dagger$			П	$\dagger$			+						$\dagger$				
Ш		П				Ŀ											I		I								L		Ţ																						1	
44		$\parallel$	$\perp$	_	$\sqcup$	$\perp$		$\perp$						_	$\coprod$	1				$oxed{oxed}$	4	1										L												1							L	_
+		H	+	-	$\vdash$	+				+	H	+	H	+		+		Н	+		d Vaja	Ļ	-	+			+		1					-						+	-	-	$\parallel$	+		-		+		+	-	<del></del>
+++-		H	+	+	H			+		+	Н	+					+		+	$\perp$	+	+	H	+	$\vdash$		+					+	Н						+	+			H	+	H	+	Н	+	H			
	-	H	$\top$			Н	$\dagger$	+	$\top$	$\dagger$									+						10	+	+														+	+	$\vdash$		H	+		$\dagger$	H			
444		$\parallel$	4	_					$\perp$							4	-		1	L		1										L					. 1						ă.							1		
+++		$\mathbb{H}$	+		H	+			4	+		+	H	-		+	+		+	-	$\perp$	-	-		H		+		-	$\perp$	-	+		+			-											+	$\sqcup$	+		-
+++		H	+	+	$\dashv$	+	+	1	+	-		+	H					H	+	+		$\perp$					+	H	+	Н			H					$\vdash$	+	-			+			+		+		+		-
		H		+	H	+	$\dagger$	+•	$\sqcap$	+		$\dagger$		+	H	+			+			1	•	: .			+															+		+						+		
																																		1																		
444			$\perp$	_	Ц		1			1					$\sqcup$	$\downarrow$	1					$\perp$		1		4			1																					61 C 11 V		
		H	+	+	H	+			Н	+	$  \cdot  $	+	Н	-	Н	+	-		+			+			-	$\perp$			1			1		-	1						4	-	4	-								-
+++		H	-	+	H	+	$\dashv$	+	H	1		+	Н	+			+		+		+		H		<u> </u>		t		+			+		+							$\vdash$						H	+				
+++		H	$\top$	+	$\dagger \dagger$	T	$\parallel$	+	H	+	$  \cdot  $	$\dagger$	$\parallel$			$\dagger$	+		+	+	+	$\dagger$		+	$\vdash$									+						1	+		+					+				
																	I					1												T			1		1			1 2										7
411							$\coprod$			$oldsymbol{\perp}$			Ц													$\prod$	I		I									15														
111		$\perp$		+	$\frac{1}{1}$	1			$\mid \mid$	1	H	1	$ \cdot $	1		4	-	$  \cdot  $	+	-	4	1	;				1		1	-																				-		
+++	1		<u> </u>						H		H		H																1	Į.	• ‡	ļ.		+			b															_

# WEEKLY DRILLING SUMMARY

COMMENTS:

WEEK ENDING	March 14, 1975	PROSPECT	Waterhole
		DRILL HOLE No.	RWH-4
		LOCATION	Section 7, TON, R28E
		COORDINATES	
		LOGGED BY	B. R. Berger
CURRENT DEPTH	85'	INCLINATION	vertical BEARING
TOTAL DEPTH			
STARTING DATE	3-13-75	COMPLETION	
DEPTH TO BEDROCK _	5'	•	
ROTARY FOOTAGE	851	CORE FOOTAGE _	
ROCK TYPES:	Triassic metavolcanics		
ALTERATION:	Silicification, pyrite		
MINERALIZATION;			
METALLURGICAL TYPE ASSAY DATA: none	(S): Oxide available		
ADDAL DATA: HOME	≪. du⊤ranta		
	보는 사람들이 되었다면 보는 사람들이 얼마나 다른데 다른데 되었다.		

MAP REFERENCES

Hammer drilling to current depth; hole is dry in unbroken ground

Comoco- Water hole Project

# WEEKLY DRILLING SUMMARY

WEEK ENDING	March 21, 1975	PROSPECT	Waterhole
		DRILL HOLE No.	RWH-4
		LOCATION	Section 7, T9N, R28E
en e			
		COORDINATES	
		LOGGED BY	B. R. Berger & P. H. Kirwin
CURRENT DEPTH	410'	INCLINATION	vertical BEARING
TOTAL DEPTH	410'		
STARTING DATE	3-13-75	COMPLETION	3-21-75
DEPTH TO BEDROCK	5'		
Current Week's ROTARY FOOTAGE	325'	CORE FOOTAGE	
DOGUE GRADAG			
ROCK TYPES:	Triassic metavolcanics		
ALTERATION:	Silicification, pyrite		
		-	
ACTATION AT THE AUTHORIT			
MINERALIZATION:			
METALLURGICAL TYPE ASSAY DATA: None			
		시간 등이 생활되고 있다는 경기 민준이가 있었다. 나는 사람이	
COMMENTS:	Lost 1 day with snow, unsc went fishing and recovered 11:30 AM Thursday after bu changed over from hammer t because of low penetration	rods on Wednesds ying mud. Hit he o rotary drilling	y, arrived at rig at eavy water at 345' and g with mud. Hole stopped
	Three feet of surface casi		

MAP REFERENCES

CONOCO - DRILL LOG	PROJECT Waterhole
MINERALS EXPLORATION	PROJECT Waterhole HOLE NO. RWH-4
ELEV.	
TYPE DRILL Mayhew 1000 BIT 5" Hammer 49" tricone	SECTIONTWP_7V_RANGE COE.
INCLINATION Vertical BEARING	START 3/13/75 COMPLETION 3/21/75
COORDINATES  TYPE DRILL Mayhew 1000 BIT 5" Hammer 474" tricone INCLINATION VERTICAL BEARING  FOOTAGE: CORE  CONTRACTOR SENE MARKIN - EX LUND  OBJECTIVE TEST SMA! IP anomaly assoc. 40/5 ulfid	LOGGED BY BRB
OBJECTIVE TEST Small IP anomaly assoc. of sulfide stopped Because Caving and Foor drilling perfe	e casts objective in 700'
	rmance
FOOTAGE ROCK TYPE LE ALTERATION MINERALS SKARN INTRUSIVES	OXIDE SULFIDE W ASSAY DATA
RUN ARM MAGGER COLOR TITLE COLOR TITLE COLOR TEXT TEXT TEXT TEXT TEXT TEXT TEXT TEX	
- 2	\$4448888888888888888888888888888888888
5 Q DALBO	
<u></u>	
- H LISTRUOLOBRI I B	3 2
20 2 2 2	
<del>-++++++++++++++++++++++++++++++++++++</del>	
	13 11 15 11 11 11 11 11 11 11 11 11
<del></del>	
<u> </u>	
<del></del>	
<del></del>	
<u> </u>	
<del>-+++++                                </del>	
<u></u>	
40) 7 40	

CONOCO - DRILL LOG		PROJE	CTWaki	hole
MINERALS EXPLORATION		HOLE	NO. RW.	4-4
ELEV.				
COORDINATESTYPE DRILL	RIT			RANGE.
INCLINATION D	EARING	~~.~~		PLETION
FOOTAGE: CORER	OTARY	LOGGED	BY	
FOOTAGE: CORE R CONTRACTOR OBJECTIVE STOPPED BECAUSE	- Fa	ge Zofscale		
STOPPED BECAUSE				
FOOTAGE ROCK STATE	ALTERATION M	IINERALS OXIDE	SULFIDE Z	ASSAY DATA
TYPE E S	SKARN INTR	RUSIVES ZONE	ZONE	ASSAY DATA
COLOR HALT A WOLLOG % RUN LIT INT.	017 017 010 010 010 010 010 010	MAGGAPPE COAR	MET WELL CONTRACTOR	u Mo Ag Au Pb Zn
-0 m4 m n - m v 0 - 0 - 0 m 4 m n - m v 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	665 665 666 667 77 77 77 77 77 77 77 77 77 77 7
1 100 TRUOLESA 1	3			
111/05323111				
+++++++++++++++++++++++++++++++++++++++	╂┼┼┼┼┼┼┼┼┼┼┼	]   ]   3	+++++	
	<del>                                      </del>			
		† † † † † † † † † † † † † † † † † † †		
1111/154 GR			<b>17/82/22/33</b>	
<del></del>			<del>  D                        </del>	
<del></del>				
<del></del>				
+++++++++++++++++++++++++++++++++++++++				
<del></del>				
1/8014				
4444444				
111/63/14/14/14				
<del></del>				
<del>-++++++++++++++++++++++++++++++++++++</del>				
111/647/17/1				
111170				
+++++++++++++++++++++++++++++++++++++++				
<del>-++++                                 </del>				
1111/80 4 (15)				
1851 / 84		2		
<u>-111147441W \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>		<u>V</u>		8

PROJECT	Waterhole	
HOLE NO	RWH-4	
TOTAL FOOTA	GF 410'	

<u> </u>		
DEPTH RUN BOTTOM	GRAPHIC LOG	GEOLOGY
DE ROT	GRA L	DESCRIPTION AND REMARKS
100		WIXED FRESH AND OX SIZ VOKO
105		PAVMR4Y ax 12-3% PV
1/10		DO SOME LAKELE FRESH GLOTS OF PM. SOME HEMATITE STANNED DITE PORPHYRY
1/15		MOSTLY PRESH GRAG-WHITE SIL VOLC W/2-38 PM
170		50% OX WITH FORPHYRY APPEARING LESS ALTERED
1100	[ .	50% OX WITH FORPHYRY APPEARING LESS ALTERED
1/25		
1/2/2		
130		
1/2	<b> </b>	MINED MILKY OTZ AND DARK PORPHYRITIC ANDES TE LYTTLE OR NO ON 38 PU
140		GRAY-WHITE AMO GREENISH WOLC W/3-50 SILVERY PYRITE
1/1/0	-	WOT GRW, BUT WIXED AWDES! THE AND OTZ VOLC W/COARSE BY CUBES
1/1/2		NOT GRW, BUT WIXED ANDESITE? AND GTZ VOLC W/CPARSE PY CUBES
1/50		DO W/SOME GREENISH FRAGMENTS
11		
1/45		INTENSELY SILCIPTED OTT (WOT MICKY) WITH MINOR GREEN; COTS OF AY 3-5787
160		
1/65		
+11		
1/10	1	
址		
1/80		
1/83	1	DU EXICEPT SOME OXI DI ZED FRAG CONTAMINATION?
111		
1190		THE OIX
	11	

PROJECT Waterhole
HOLE NO. RWH-CONOCO - DRILL LOG MINERALS EXPLORATION ELEV. COORDINATES\_ SECTION\_\_\_ \_\_\_\_TWP\_\_\_ \_\_\_\_RANGE\_\_ TYPE DRILL\_ BIT\_ TOTAL FOOTAGE\_\_\_\_ INCLINATION\_\_\_\_ BEARING\_ START\_\_\_\_ \_\_\_\_COMPLETION\_ FOOTAGE: CORE\_\_\_\_ \_\_ROTARY\_ LOGGED BY\_\_\_\_ Page 3 of SE CONTRACTOR\_ OBJECTIVE\_ STOPPED BECAUSE\_ ALTERATION ROCK MINERALS OXIDE SULFIDE FOOTAGE ASSAY DATA TYPE SKARN ZONE INTRUSIVES ZONE DEPTH RUN BOTTOM Mo Pb VOLGA

PROJECT	Waterhole	
HOLE NO.	RWH-4	
TOTAL FOOTAGE	410'	

HNO	ي ¥ و	GEOLOGY
DEPTH RUN BOTTOM	GRAPHIC LOG	DESCRIPTION AND REMARKS
TIT		
195		GRAY SILICIFIED RUCK WIZ-58 SILVERY PY: SOME CLOTS SUBJEDICAL XTLS
700		SRAY MINSED WIANDES LITE MINDR SPIZOTE
205	-	MOSTLY DARK, AMDESITIC VALC WISHME GREEN ISHZAMES; 1-39 QUALITE
1900		THE TOTAL THREE TO THE TOTAL PROCESS OF THE TOTAL P
210		BO MOREASING EPILODITE (MOSTRY BLA VOLC)
		Be 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-		
220		
44	1	<u>B</u> O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
230		
230		
240		GETTUWA SOME MULKU OTO AGAIN
248		DU INCREASING SILICA WIGAERUISH PATICHES (MOTITLED)
17/	1	
1	1	
20		W3-57 Py
260	1	DAFFINITELY SILL MOLIC AS BEFORE 205 ABET DEPTH
1265	1	
270	4	
270	}	
280	1	
28		
140	4	

			C																																		Г	- 1	71	<i>)</i> (	ם י	U	١.	_		_	-		_	_	<u> </u>	_							<del></del>					
	N														0	N	]						,														ì	HC	οi	_E	-	1	V (	٥.	<del>-</del>				4	<u>u</u>	<i>U</i>	4	_	10	7					<del>,</del>	,	_		
	EV.															_										_			-										•																									
O Y	OR PE	DI	NA DR	TE II	:S_ !		-		-							_		_	1 T										-																												R/	۱N	GΕ	<u> </u>			—	
	L																												_																						O N/				10	ı A I			_					
)(	OT/	١G	E:	CO	RI	Ξ.								_ [	RC	T	ΆΙ	R١	Y_				<u></u>				_		_								L	_0	G	G E	ΞD		В	Υ																				
0	NT JE	R/	(C)	ГО -	R_		-	_								_						<u> </u>		_					- ,	Û,	7	2-	:	: ر	1		, 5	/C	Α	الم	_	_																						
B T(	JE DPI	S E	I VI	- B	F		11	51	-		_					_				_		-			-			_		<u>u</u>	Y	K		4	<u>L</u>		Ŧ		_		2			_									-											
				_		_	_	_		_		-,,-			_	_	_	_	_						_	_		-				_				_				_																		_	_	_			_	
F	oo.	TA G	E				R.O TY					RAC	DIP	إ	URE	F			A I		ER	Α.	T I	ON	1				_				L		<u></u> -						D E				S	UL	F I				CONE			4	155	SAY	, <u></u>		1	DA	TA			
Ī	ပ္ထ	D	EP1	Н	щ.	Τ			7	COLOR	t	Ï,	Ŀ			12	٩		_		_	Τ	Т	Τ	L								ES		П	Т	Т	Ł					╁							- I	1		·			Т	<u>.</u>	Т	<u>.</u>	_			_	
	% REC.	во	TTC	М	AGE		LIT	Н	1	00	2	ā	FAU	Ĺ	=	ō	음	8A	EP	₹,	5 e	) 6 1	4	5	OR	9	O	SE	3	됤	T S	3 6	A	ΜĄ	8	25	7 6 7 4	Z.	E	'n	ਤ	0 6	7	S P	BOF	ပ္ပါ	2 5	2	6 3	4	Ĕ	Cı	1	N	Λo		Αg		A	u	P	b	:	Zπ
ľ	ю 4	2	9 1~	8	6 9	=	2	9	4	2	0 1	- 80	6	20	2	22	23	24	52	92	700	3 0	Š	3	32	53	34	35	99	22	200	5 G	-	45	13	44	19	12	48	65	ွှ	200	i N	4	35	92	9	900	00		Z E	4	2	9		000	o	#	16	<b>1</b>	S S	٥٢		6,
ľ		П		T		T		1	1		Ť	T	T	T	H	Ė	H	7	1	†	†	t	t	1	Ė	<u> </u>						1	Ė	H	ΓÌ	Ť	Ť	ľ	T		7	7	Ŧ		-		+	1	7	7	7		H	Ť	7			+		+	- 1	-	H	,
		j	290	7	78		U	0	7	4	1	T	T	T	П	3	П	1	1	1	†	T	t	T	T	Г	T		7	+	Ť	$\dagger$	T	$\sqcap$	$\sqcap$	+	+	T	1	Н	7	†	7			+	t	t		†	$\dagger$		Н	+	1	†	H	+	$\dagger$	$\vdash$	+	+	H	H
					S		2	1		′₹	1	I			П	1		1	T	T	1		T		1				1		Ť	T	T	П	П	1	T	T			1	T	Ť	П	+	1	T	T	Ħ	1	T			$\dagger$	1		П	+	$\dagger \dagger$	$\sqcap$	$\top$	+		
	$\perp$	_ <	29	\$	Y	L		1		∢		Ι				$\prod$		T	Ţ	T			Γ	Γ								T	Τ	П		T	T					T	3	П	1	1	T	T	T	1	T			1	1	1	П	1	Ħ	П	$\dagger$		П	
		4	Ţ.	1		L		7	1	1	1			L			Ц				I	I	I	L	L																Ī					Ī	1		†	1	T	•			T				П	П	7	$\top$	П	
	4	_	W	2	\$	L	Ц	4	4	1	1			L	Ц	Ц	Ц		╛	1	1	1	L		L	L	L										I	l .					2	-			Γ			I										П		Т		
	_	4	2 40	4	4	L		4	4	4	4	Ļ	L	L	Ш	Ц	Ц	$\perp$	_	1	1	$\downarrow$		L	L		L		_	$\downarrow$			L	Ц	Ц	$\downarrow$			L				L			1				$\int$									$\prod$			Ι		
	-	4	30	뇍	$\$	L	Н	4	4	1	$\downarrow$	Ļ	L	L	Ц	Щ	Ц	$\downarrow$	_	1	1	1	L	L	L	L			_		1	_	ļ.	Ц	Ц	_	$\perp$	L	L		1	1	100		4			L		1		Ш		1					Ц	Ц		L		
	+	4	21		¥,	L	Ц	7	_	$-\!\!\!\!/$	4	1	1	_	Ц	Щ	Н	4	4		1	+		L	L	L			_	1	1	1	_	Н	$\perp$	1	$\downarrow$	L			4	1	$\coprod$		1		_			1	L			1	$\perp$	-	Ц	$\perp$	Ц	Ц		1		
	-	4	21	4	¥,	-		4	4	+	+	+	H	_	Ц	Щ	Н	4	4	+	+	ļ	1	L	L	L	L	Ц		_	1	1	Ļ	Н	$\dashv$	4	╀	L	_	Ц		1	V		4	1	ļ				$\perp$	Ц	Ц	4	$\downarrow$	L		$\perp$	Ц	4	4	$\perp$	1	
	+	$\dashv$	21	7		-	V	_	1	+	+	+	┞	-	Ц	#	Н	4	+	+	+	1	ŀ	Ļ	L				_	+	4	+		Н	$\dashv$	+	+	L	L		4	4	L		1	_	1	L	-	1	$\downarrow$		Ц	4	4		Ц	1	$\coprod$	Ц	1	1	4	
	+	Į.	4	2		╀	U	ч.	4	Į		H	H	-	Н	H	$\vdash$	$\dashv$	+	+	+	╀	╁	+	H	_	H		+	+	+	+	-	Н	$\dashv$	+	╀	L	L	H	+	4	4		+	+	$\downarrow$	H	-	+	+		Ц	$\downarrow$	$\perp$	_	$\vdash$	+	$\coprod$	$\dashv$	1	1	4	4
	+	+	32	1		╀				4	ŀ	╁	╁	H	Н	Н	Н	$\dashv$	+	+	+	+	╁	H	H		-		+	+	+	+	-	$\dashv$	$\dashv$	$\dotplus$	+	-	H		+	+	H	$\dashv$	+	+	+	Н	- 4	+	$\perp$	Н		+	-	÷	$\dashv$	+	${f H}$	$\dashv$	+	<u> </u>	4	_
	$\dagger$	7	4	4	7	┪	4	<u>*</u>	4	*	+	t	+	┝	Н	1		+	╁	+	+	+	t		H				+	+	+	+		$\dashv$	$\dashv$	+	╁	$\vdash$	-		+	+	М		+	+	+	Н		+	╀		Н	+	+	+	$\dashv$	+	H	+	+	+	$\dashv$	+
	1	7	<b>4</b> 2	1	1	1	/	v.	7	7	1	t	H	-	Н	Н		+	₩	†	$\dagger$	1	T	F	H		-		+	+	+	+	$\perp$	$\dashv$	+	+	+	-			+	+	1	$\dashv$	+	+	+	Н	1	+	╁	Н	+	+	╁	$\vdash$	$\dashv$	+	H	$\dashv$	+	+	$\dashv$	-
	1	Ť		- 1	ik	T	И			1)	Ť	t		Т	Н	1	П	$\dagger$	$\dagger$	$\dagger$	†	Ť	+				-		+	+	+	$\dagger$	-	+	+	+	+	H		+	+	+	H		+	+	$\dagger$		+	+	+	Н	+	+	+	Н	Н	+	$\forall$	+	+	+	+	-
		7	表			T	-	(	1	7	+	T	T	<u> </u>	П	Ħ	H	7	⇵	$\dagger$	$\dagger$	Ť	t	T	İ	-	•		+	+	+	t		$\dashv$	+	+	+	H		+	+	+	$\parallel$	<i>r</i> .			+	Н	+	†	+		+	+	$\dagger$	H	$\dashv$		H	+	+	+	+	+
		T				T	Ť	7	Ϊ	\$	,	T	T	Ī	П	Ħ		+	+	†	t	1	T						+	$\dagger$	t	T			T	$\dagger$	$\vdash$			+	十	$\dagger$	۳		$\dagger$		+		+	1	1		+	+	+	Н	$\dagger$	+	$\dagger\dagger$	+		H	+	$\dashv$
		-	33	\$	IK		V	0	7	4	,	T			П	$\ $	П	1	T		T	T	T						1	1	1	T	T	7	†	T	T				1	T	2			1	$^{+}$		1	†	t			+	$\dagger$	H	$\top$	+	H	$\dagger$	$\dagger$	H	+	+
					\$		4	1	-	X						Z															Ī				1		Γ						ſ		1	1		П	1	1		П		Ť	1	П	T	+	$\prod$	1		H		1
			34	ď	4	L		1	1							Z						Ţ,										ŀ		T	Ī	1						1	١				T		1				1		T	$\prod$	T	T	Ħ	1		$\Pi$		1
	1	_[			1	L	4	1	1	4	↲	L		4	Ц	1																			$\prod$	I							II							Ī									П	T		П	T	1
	4	إ.	21	S	$\mathcal{A}$	L	4	$\Rightarrow$	$\downarrow$	4	1	1	L				Ц	$\downarrow$	4	1	1	L	L							1		L			$\downarrow$	1			1.				$\prod$												L			$oxed{I}$	П			П	$\prod$	
			2 2		\$	L		4	4	1	4	Ļ		L	Ц	1		4	4		1	L	L	L	L	,					_	1		_	1					1	1	1	]]		1	1	L	Ц	$\perp$		<u> </u>									$\prod$				
	+	H	35	4	1	Ł	4	4	+	1	+	╀	H		Ц	{	H	4	4	1	1	L	L	L				$\dashv$	4	1	-	1		4	4	+	Ц			4		1	Ш	4	1	$\downarrow$	L		4		L		1	1			_	$\perp$	Ц	1	$\perp$		1	
	+	H	<u> </u> 35	7	4	Ł	$\dashv$	7	4	1	+	Ł	H		Н	H	Н	4	4	+	$\downarrow$	$\perp$	-			L		-	+	+		+		4		1	$\sqcup$				1	$\downarrow$	$\mathbb{N}$	4	4.	1	L		1	1	Ц		-				_	1	Ц	4		Ц	4	
	+	-{	や	۴	∄	H	┵	+	+	╢	+	H	H	_	Н	H	Н	+	+	+	+	+	L	L	_				+	+		-	14	4	+	+		2 (1) (1) (2)	L	-	4	$\perp$	H	4	1	+		Ц	4	1		_	4	+		Н	4	+	$\sqcup$	$\perp$	1	Ц		4
	+		36	7	t	╁	$\dashv$	4	+	+	╁	╁	H	H	Н	$\neg$	$\vdash$	+	+	+	+	+				_			- 12	+	+			+	+	+	Н		Н	+	+	+	H	+	+	+			+	+	Н		1		F	H	4	4	$\sqcup$	4	+	Н	1	1
	+	ď	7	4	+	+-	Н	+	╅	$(\!$	+	t	┝	$\vdash$	Н	1		+	+	+	+	+	H		-	H		-		+	+			+	+	+	H		Н	+	+	+	H	+	+	+	$\vdash$	Н		+	H			+	-	Н	+	+	H	+	+	Н	+	
	+		36	d	4	H		1	†	Ť	+	t	H	H	Н	7		+	+		+	+		35			2 t						H	+	+	+	Н		Н	+	+			+	+	+	H		e e	+	Н		_	+	+	Н	+	+	H	+	+	Н	4	4
١	$\dagger$	$\vdash$	1	1	7	l	1	1	†	1	/	t	t	H	H	1		+	+	$\dagger$	+			H	Н	-	_			+			Н	+	+	+	Н			+	+	+	H	+	+	+			+	+	H			+	+	$\vdash$	+	+	H	+	+	H	+	+
l	1	Ħ	37	n	1	T	4	7	1	1	1	T	t	-	Н	1	П	7	+	†	t	t	-						1		+	+	Н	+	$\dagger$	+	Н					+	₩	ै	$\dagger$		-			+	1.73 1.7		+	+	t	H		+	+	+		H	+	+
I	+	ΠÍ	1	1	1	T	$\sqcap$	7	1	1	1	1	T	r	H	1	П	1	+	1	†	T	-		Н			1	1	+	+	+		+	†	+		H		+	+		#	1	+	+		+	+	+	H		1		+	H	+	+	$\dagger$	+	+	H		+
I			37	3	1			7	1	1	T	T	T		П	1		1	1	T	1								1		Å.	T			†	†	Н			1			Ħ						†	t	Н		+	+	f		1	$\dagger$	T	+		H		
	$\int$			$\prod$	m I			I	J		Ι	$\prod$	Γ			I		J												1	T				1	1		П	П	1				1	1			7	1	T			1		T		1	1	T	1		Ħ	+	
l	1	Ιį	<b>%</b>	N	V	آ ۔	1 d	J	1	M	Γ		Ī			V	П	T	Ţ	V	T	Γ							1	T	1	Γ		Ŧ	T	Τ	П				1	1	W	1	1			1	1	1	П	1	+		1	H	+	1	7		+	1	+	+

HOLE NO. RWH-4

TOTAL FOOTAGE 410'

2	GEOLOGY
POT TOO	DESCRIPTION AND REMARKS
	<u></u>
	00 W/V-38 PM SAATTERED
	EO SOMENHAT DARWER
	ED WISTOME FU GRAINED INTRUSIVE FRAGNENTS??
	MIXED PURITUCIPORPHYRY LOC AND FOR EQUIGRAY NUCLAR TO HORMBLENDE FORPHYRY
	INTRUSIVE WIFM BISSENIWATED PY 11 11 11 11 11 11 11 11 11 11 11 11 11
	CONTINUED MIXED HB DIDRITE AND SIL VOLC
	MIRTUALLY INTRUSINE MINOR EPIDOTET
	WIXED WI INTRUSINE PREDOMIMANT
	MINED WY / WINDING FREEDING WINDING
	BACK TO TR MOUCH AS BEFORE INT
	BO (AELSV TE ARAGMENTA)
	DO WITH MINOR HE INTRUSIVE FRAEMENTS
	ED NO INTRUSIVE

•	NE	- '	١,	<b>↑</b> L	د.	1	. '	_ /	<b>^</b>	<b>-</b> 1	۳,	JF	7.6	4 1	[	U	N																				H	٦L	E.			10	).	_						7	<u>u</u>	<u>U</u>	1	<u> </u>		<u>e</u>							
	EV.																					-																																									
)( Y)	OR PE	DII	N A D F	AT His	E:	S_				_						_			RI	т					_	-			•								SE	EC	TI	01	<u>ا</u> ا								_T	W	P_					RA	N	GE			_		
C	LI	N	<b>4</b> T	ic	N	_								1	E	ΒE	Α	RI	N	G_																																LE	ΞT	10	N.				<del></del>		_		-
C	AΤC	G	E:	С	OF	₹E			_						_F	₹C	T	ΔF	łΥ																	. 1		G	GF	D.		В	v																				_
) [ 3.	VT JE(	К.А : Т	i V	F	) h	·			-	-									-									_	Ų	10	14	,		5	0	Ž	30	<u>Α</u>	LE	_							,		_			_									<del></del>		_
· C	PF	ÞΕ	D	_	В	ΞC	Α	U!	3 E	=_												_				·			_	1	<u> </u>		_	_	7		_	_		_																							<del>-</del>
_		==		-	Т		-	20	. K	-	-	Ŧ	ပ	I≙	Г	-	-		_	Δι	ΤE	B A	Tı	<b>∩</b> N				-	A.4	LAI	- A	ΑL		-			T			1	_	T						÷	T	الد	_		_	_									=
	001				L		7	٠,	) E			COLOR INT. FRAC			101	פאר				-	_			_	Τ-		_	ΙN	_			<u> </u>			-		1		X I C Z O N								D E			ZONE.			1	189	SA'	Y		ı	DA'	TΑ			
l	% REC	D	E P R U	TH		AGE	L	_! T	Н	I	COR	LN	٩		2	Ľ	)TZ	o o	¥ 0	a X		2	n <	+ k	E	0	71	ER:	בֿן כֿ	_	AR	길	Z S		2	0	, ≥	Σ	- 1	2		ķ	ΡY	ä	ی	٥	2	10	4	:	С	u	N	Ao-	T	Ag	T	A	u	P	ь	T	z
					4 -44-4		7		-	+	š	ļ	-	F		Ħ	=		9 4		e	9	9 6	9 6		8	0	S	3 0		0	9 <	ĭ ≥	0	e ·	e e	-	I	ပ် (	ٽ <b>ر</b>	0 0		ပ	Č)	0	2 6	ø	Q	0	Σ	-		=	=	1			=		=			
<u> </u>	4	2	9	- 00	6	2	Ξ	2	4	1	C 4	-	12	9	2	2	22	23	2 2	26	27	58	2	8 60	32	33	34	35	<u>ئاد</u>	38	39	3 5	4 6	43	44	45	47	48	49	ဂ ဂ	52	53	54	22	56	<u>ر</u> ۾	20	9	9	٥	649	65	99	9	88	2	2	12	74	5 4	2 2	7 0	2
ł	+		1	1	=	ъ	_	7		+	1	-	Ļ	H	H	Н	2	+	+	+	Н	_	+	+	L		$\dashv$	_	+	Ļ	$  \cdot  $	1	+		-	+	1		$\sqcup$	+	1			_	_	$\downarrow$	1		4	1	Ļ		4	1			1	$\sqcup$	1	4	1	1	1
ł	H	Ŧ	38	P	1	A	$\dashv$	V,	4	4	3/	+	+	$\vdash$	Н	Н	3	+	+	+	H	+	+	+	-	Н	$\dashv$	+	+	+	H	+	-	$\mathbb{H}$	+	+	+	$\vdash$	$\dashv$	+	+	4		+	+	+	$\vdash$	Н	+	+	+	H	+	+	1	$\sqcup$	+	$\dashv$		+	+	+	+
_	$\forall$	+	3	1/1	ť	$\forall$	$\dashv$	1	$\frac{1}{2}$	ť	\$	+	+	H	Н	Н	H	+	+	+	H	4	+	+	╀	H	$\dashv$	+	+	$\vdash$	H	+	ŀ	H	$\dashv$	+	+	$\vdash$	$\dashv$	+	+	#	$ \cdot $	+	+	+	+	Н	+	Ŧ	+	H	+	+	1		+	H	+	+	$\perp$	<u> </u>	+
_	$\dagger \dagger$	+	7	4	ť	H	+	-	$\dagger$	$\dagger$	1	$\dagger$	t	$\vdash$	H	H		+	+	+	$\dagger \dagger$	+	+	1	<u> </u>	╽			-	1		1	-	$\ \cdot\ $			+	1	+	+	H	#		+	+	+			+	+	+-	${f H}$	+	+	+	H	+	H	+	+	+	+	+
	$\parallel$	;	3	核	ť	K			1	t	7	+	T	T	H	Н	$\parallel$	+	1	+	$\dagger \dagger$	+	$\dagger$	$\dagger$	t	H	$\forall$	+	+	$\dagger$	H	$\dagger$	+	$\dagger \dagger$	+	+	+	H	+	+	$\dagger$	$\ \cdot\ $	H	+	+	+	H	$\mid \mid$	$\dagger$	$\dagger$	+	H	+	+	+	H	+	H	+	+	+	$\dagger$	+
		ľ	7		Ī		1	ľ	7	j	1	T	T	П	H			+	†	$\dagger$	$\prod$	+	+	1				+	+	†	-	1	-				1	-	$\dagger$	+	t	1		+	+	1			+	†	+	H	+	$\dagger$	+	$\dagger \dagger$	+	$\dagger \dagger$	+	+	+	+	+
Ĺ	$\prod$	Į	#	K				4	$\int$	Ī	I	I							I					Ī	Γ			]	Ţ	Ι		1		П			T			†	T	M			1	1			1	†	T		+	1			$\dagger$	$\dagger \dagger$	+	+	+		+
	Ц	1	1		Ľ		$\prod$	1	$\int$	Ţ			L				$\prod$	1	I		$\prod$		I	I					T	L															]		П		]	T	Ī		1	1		Ħ				1	T		t
	$\downarrow \downarrow$	4	#	16	1		-	1	1	4	1	1	L	Ц	Ц	Ц	$\coprod$	1	1	1	Ц	$\downarrow$	$\downarrow$	1	L	Ц				L					$\int$		Ĺ	Ц	$\prod$	$\perp$		Ш		I	Ţ				I	I		П		Ι									I
	$\dashv$	4	1		۲	Н	4	4	4	1	1	1	L	Ц	Ц	Ц	$\downarrow \downarrow$	1	1	-	$\sqcup$	4	1	1	L	Ц	4	4	+	Ŀ		-	1		4	1	L	Ц		1	L.	Щ	$\perp$		1	1	Ц		$\perp$	1	L	Ц				Ц		$\prod$	$\prod$		L		$\int$
L	+	4	#	V	μ	Н	+	4	1	+	Ψ	+	1	Н	Н		٧	+	+	-	$\sqcup$	4	+	+	L	H	4	+	+	ļ.,		-	+	H	4	+	1	Н	4	1		K		1	1	1	$\sqcup$		1	1	_		1	1		Ц	$\perp$			1	1	· .	1
_	+	+	+	+	+	Н	+	+	1	$\dagger$	+	+	+	$\vdash$	Н	H	+	+	+	+	H	+	+	+	-	H	4	+	+	-	H	+	+	H	+	+	1	Н	+	+	<u> </u>	H	$\dashv$	+	+	+	H		+	$\downarrow$	L	H	+	+	+	$\sqcup$	+	$\coprod$	$\perp$	+	-	+-	+
-	$\dagger \dagger$	+	+	+	$\vdash$	Н	+	+	+	$\dagger$	+	+	1	H	Н	Н	$\dashv$	+	+	╁	H	+	+	+	$\vdash$	H	+	+	+	+	H	+	+	H	-	+	+	Н	+	+		Н	+	+	+	+	H		+	+	H	H	4	1.	+		+	$\sqcup$	$\downarrow$	+	H		+
_	$\dagger \dagger$	$\dagger$	$\dagger$	$\dagger$	t	H	+	$\dagger$	$\dagger$	†	$\dagger$	†	t	H	Н	$\forall$		+	+	+	H	+	+	+		H	+	+	+	$\vdash$	H	+	+	H	+	+	+	H	+	+	-	H	$\dashv$	+	+	+	H	1	+	+	+	H	+	+		H	+	H	+	+	+		+
ľ	П	+	$\dagger$	†	T	H	1	$\dagger$	+	t	$\dagger$	†	T	П	П	1	1	+	+	1	H	+	+	+		H	$\dashv$	$\dagger$			H	+	$\dagger$	$\parallel$	1	$\dagger$	+	H	+	+	+	H	+	+	+	-	Н	1	+	$\dagger$	+	H	+		+		+	H	+	+	+	+	+
	$\prod$	1	1		Γ	П	1	1	1	Ţ	T	T	T	П		1	1	1	1		$\Pi$		†				+	†	+	T		†	+		$\dagger$	$\dagger$	T	H	+	+	+	H		$\dagger$	+	$\dagger$	H	1	$\dagger$	t	1	H	1	+		H	+	H	+	+	+	1	+
Ĺ			I	I					I	I		I							I	I				I					1			T		$\prod$	1	1	T		+			П		1	+	T		+	†	1	T	H	+			1		$\parallel$	$\dagger$	1	$\dagger$	1	†
L	Ц				L	Ц		$\int$	$\int$	$\int$	$\perp$	$\prod$	Ĺ		Ц	$\rfloor$		$\perp$	$\prod$		П							I				I	I						I						1					Ι				Ī				П	+	†		T	T
	$\parallel$	1	4	-	L	Ц	4	1	1	1	_	L	L	Ц	Ц	Ц	$\downarrow$		1	1	Ц	-	1				_	1		L		1	L	Ц			L				Ĺ		$\int$		$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	L			I	L		$\prod$		Γ						I			I
F	$\mathbb{H}$	4	+	+	$\vdash$	Ц	4	4	+	1	+	Ŧ	L	Ц	Ц		4	$\downarrow$	_	ļ.,	Ц	+	1	1	L	$\sqcup$	1	1				1		$\sqcup$	_	1	$oxed{\bot}$		_	$\perp$	L	Ц	_	1	1	L		$\downarrow$	1	L							L	$\prod$	$\int$				Ĺ
_	$\dashv$	+	+	1	H	Н	4	4	+	Ŧ	+	+	L	Н	Н	4	-	+	+	-	H	+	+	1	H	$\sqcup$	+	+	1	-	$\dashv$	+	1	$\downarrow \downarrow$	1	1	L	$\sqcup$	4	1	H	$\sqcup$	4	1	1	L	Ц	1	1	L		Ц	1	1	$\perp$	1	1	$\sqcup$	1	1	L	L	ļ
_	+	+	+	+	$\vdash$		+	+	+	+	+	+	┞	Н		$\dashv$	$\dashv$	+	+	H	H	+	+	+	H	Н	-	+	+	H	$\dashv$	+	+	H	+	+	+	H	4	+	$\mathbb{H}$	H	4	+	+	+	H	+	+	1	L	H	1	1	H	4	+	$\sqcup$	1	1	H	-	-
	$\dagger$	+	+	+	$\vdash$	Н	+	+	1	$\dagger$	+	t	H	Н		$\dashv$		+	+	+	H	+	+	+	H	-	-	1	+	<del> </del>	H	+	Į.	$\left\{ \cdot \right\}$	+	+		H	+	+	$\mathbb{H}$	┞┤	-+	+	+	ļ.	$\mid \cdot \mid$	+		1		1	+		H	+		H	+	1	H	+	L
ŀ	Ħ	+	+	+	t	H	+	+	$\dagger$	†	$\dagger$	t	t	H		$\dashv$		$\dagger$	$\dagger$		H	+	+	+	Н	+		+	+	H	H	+	+	H	+	1	+	H	+	+	$\vdash$	Н	+	+	+		H	+	+	$\vdash$	Н	H		+			1	H	+	+	H	L	L
T	Ħ	+	†	$\dagger$	T	П	$\dagger$	†	†	†	†	t	T			1		1		T	$\dagger \dagger$	+	+	+		H	$\forall$	$\dagger$	+			$\dagger$	$\dagger$	$\parallel$	+	+	T	H	+	+	Н	Н	+	+		+		+	$\dagger$	-	H	$\parallel$	+				+	H	+	+	Н	H	L
_			Ţ	I				]	1	Ţ	İ	T	Γ	П		1		1	1		П		1		П			†	+	T	$\dagger$	T		$\dagger \dagger$	+	1	T		1	1	П	H	+		†	-		+	1	r		7	+	-			-					H	-
_			$\int$				$\prod$	Ţ	I	I	$\int$													I								Ι	Ι				Ι		1		П								1					t			T		†	T			
Ĺ	Ц	_		$\perp$		Ц		$\int$	$\int$	$\int$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	L											I	I			I	I	I											I					I				T			1						Ħ					
L	Ц	_	1	1	L	Ц	$\downarrow$	$\downarrow$	$\downarrow$	1	1	L	L	Ц				1	1	L	Ц							$\int$		L			Ĺ	Ц	I		L			I		$\prod$	I	I	I								I	Ι						ľ			Γ
L	u	+	4	+	L	Ц	4	1	1	1	1	1	L	Ц	Ц			-	-	L	Ц	1	1	L	Ц		1	$\downarrow$	$\downarrow$	Ц		_	_		1	L	L	Ц	1	L	Ц	Ц		1	17		$oxed{I}$	Ţ	Ţ			$oxed{I}$	I					П					
-	$\mathbb{H}$	+	+	+	$\vdash$	$\sqcup$	$\downarrow$	4	+	1	1	+	L	Ц	Н	4		+	1	L		4	1		Ц		4	1	$\downarrow$			1	L	$\sqcup$	1	1	L		1		Ц	Ц	_	1	1	L		1	1	L	Ц			1		a. I.		Ц	1				
H	+	+	+	+	$\vdash$	Н	+	+	+	+	+	H	L	H	Н	$\dashv$	+	+	+	-	Н	+	-	1	Н	4	4	+	+		4	-	1	$\sqcup$	1	1	Ļ	Н	+	1		Ц	1	1	1	L	4	c				1				1	1	$\perp$					_
f	+	+	+	+	+	Н	+	+	+	+	+	+		Н	Н	$\dashv$		+	+	-	${\sf H}$	+		-	H	-	4	+	+			+	$\vdash$	H	-				+		H	${f H}$	+	+		H	4	+	-			4	1	1			$\mathbb{H}$			L		Ц	Ĺ
1		$\Box$		1	L			$\perp$	1	1	1	1	L	L	Ш	Ц	13	J.	1		П		F	T.	H		. 1	1	1	1.1		1	dia.	1.1	11:	-10	1	r F	- 1	1	10	1.67	- F	10	10	10		:-[:	1	10.5	: 1	o el 1	140	1.0	17.1	-48	4.0	ro JA	9	1	i d		di.

PROJECT Waterhole

HOLE NO. RW4-4

TOTAL FOOTAGE 410'

																										i					· ·				<u></u>											
H N	⊇ 	GEOLOGY  DESCRIPTION AND REMARKS																																												
DEPTH RUN BOTTOM	GRAPHIC LOG	Tescription   Description												N																.,																
-		- a w	4 ro	9 ~	ဆတ	의=	12	4	의의	2 2	ଦ୍ର	3 2	22	24	গ্ৰ	27	800	S	32	33	35	38	38	8	4	42	4 4 4	45	\$ 4	8	\$ 8	200	53	54	ଧ୍ୟ	57	8	09	62	63	85	99	68	8	2 2	72
385			10		2173	1			4,	119	-	$\downarrow$		ig			1	1	117		1 -		11/	,	1	e)	1		+	Н	+		$\perp$	$\perp$	+		H		Н	+			+	H	+	+
13812		5/4	19	r	18	4	v	H	1	mi	1//	۲	4	1 /		7/(	4	A	Ψ	14	-1	1	4	/	9	10	1	Y	+	H	+	H	+	$\vdash$	-	$\dashv$	Н	+	+	+	+	H	+	H	+	H
370		Bo		+		$\top$		$\dagger \dagger$			$\dagger \dagger$		+	$\dagger \dagger$	+	$\parallel$	+	H	$\dagger$	$\dagger\dagger$	+				t	H	+	H	+	Н	+		+	+	+	$\vdash$	H	+	+	$\dagger$	$\dagger$	П		H	$\dagger$	+
								$\prod$		1		1			1		1	$\sqcap$	1				Ť		Ť	H	1.	Ħ	1		-						П	T	$\top$	+	$\dagger$	H	1	Ħ	Ť	$\prod$
395		200						П															I						I																	
			$\Box$	_				$\sqcup$		1	$\coprod$	1	$\perp$	4	_	$\sqcup$	1	$\sqcup$	1	Ц		Ц	_	Ц	$\perp$	$\sqcup$	1	Ц			_						$\perp$							$\sqcup$	1	4
400		00		H		-		$\dashv$		-	4	-	$\vdash$	$\dashv$	-	+	+	$\parallel$	$\downarrow$			$\sqcup$	+	$\mid \cdot \mid$	-	$\coprod$	+	$\sqcup$	-	$\sqcup$	-		$\downarrow$	$\sqcup$	ļ.		$\sqcup$		$\parallel$		-		+	$\dashv$	-	4
Mod	-		H	+-			H	H	+	+	H	+		H	+	H		$\mathbb{H}$	+	H	+	$\vdash$	+	H	+	H	+	H	+	${f H}$	+	H				$\vdash$	+		H		-	H	+	H	+	$\dashv$
100		1	+++	+	H	+	H	H	+	+	H	+	H	H	+	+	+	${\dagger}$	+	H	+	H	$\dagger$	H	+	H	+	+	+	$\dag \dag$	+	+	+		+	$\dashv$	+	+	+	+	+	H	+	H	1	
4/0		Po		$\dagger$	$\prod$	+		$\dagger \dagger$	$\top$		$\dagger \dagger$	$\dagger$	H	$\dagger$	+	$\parallel$	1	H		$\dagger \dagger$	+	$\dagger$	T	$\dagger$	+	$\dagger \dagger$	$\dagger$	$\dagger \dagger$	$\dagger$	H	-				$\dagger$	$\parallel$	$\dagger$	+		$\dagger$	$\dagger$	$\parallel \parallel$	$\dagger$	$\forall$	+	+
																	1		1	П															Ž.					1			Ī			
											Ш							П																									I	$\prod$		
		$\mathbf{H}$	$\square$	1		4		$\perp$		$\downarrow$	$\sqcup$			$\sqcup$		Ш		$\Box$		Ц		$\coprod$	1	$\coprod$		$\sqcup$	_	$\sqcup$	1					$\downarrow$	_					+	-		1	$\coprod$		
		H +		+	-	4		+		-	$^{\dagger}$	+	-	H	-	$\perp$	-	$\dashv$	+	H	+	$\mathbb{H}$	-				+	$\dashv$	+		-	H						4	Н	+		,	+	11	+	+
+++		H +		+			+	${\mathbb H}$	+	+	H	+	$\vdash$	H		+		+	+		+	+	+-	H	+	+	+	H	+	+	-				-	$\parallel$		+	$\perp$	+	-	-	+	H	+	+
111		H		$\dagger$	$\parallel$	$\vdash$	$\parallel$		+		$\dagger\dagger$	$\dagger$	H	H	$\dagger$		$\top$	$\dagger \dagger$	-			H	+					H		H		$\vdash$	$\frac{1}{1}$					7					+	$\dagger \dagger$	+	
					7			$\prod$			11	1			1	T	1				$\dagger$									T			1											$\sqcap$		
			Ш								П	I											I						1																	
44								$\bot$			11	-		$\sqcup$	1				1	$\prod$						$\sqcup$		Ц	1	Ц					1									Ц	1	
+++		H	+++	+	$\vdash$			$\dashv$	-	+	H	+	$\dashv$	-	+		4	$\dashv$	-	$\dashv$	+	$\dashv$	+	H			+	H	+	$\sqcup$	-								$\bot$		+			$\sqcup$	+	4
+++		H		+			H	H	+	+	H	+	H	H	+	Ŧ	$\vdash$	H	_		+	H	+	H		$\parallel$	+	H	+	H								$\parallel$	+	+	+-	H		H	+	+
+++		H +	H	+	$\dagger \dagger$			$\dagger$			H	$\dagger$	H	$\parallel$	$\perp$	$\dagger$	$\dashv$			H		H	+	H	+	H	+	$\vdash$	+						+	H		$\dashv$		+	+-	H	+	$\forall$	+	+
111	'	$\prod$	$\Box$	T					1		11		$\parallel$	H	1	1			-	П		H	+		$\dagger$		1						-							1				H		11-
	]																																													
44			$\sqcup \sqcup$		Ц.		$\sqcup$					1		-									-								1													Ц		
		#		+		$oxed{+}$	$\mathbb{H}$				11	+	$\vdash$	+		-		$\mathbb{H}$		$\sqcup$	+	1	+	H	+	Н	-	$\dashv$	+	H									+			$  \cdot  $	-	$\vdash$		
+++		H			H	$\vdash$	3.5	+	+				${f +}$	+	+	-	+		<u> </u>	H	+	+	+	H	+	Н		H	+	Н	+	$\vdash$	+				1					H		$\dashv$		+
+++		1			H			H		H			H			+	+	$\dagger$	-	H							$\dagger$	H	+	H	+		+				+		+		3 e.	H		H	+	
111		$\prod$		$\parallel \parallel$	$  \cdot  $	$\dagger \dagger$			+			+	$\parallel$		1		$\parallel$			$\parallel$	+	H	+	$\dagger \dagger$	1	H		$\parallel$		$\Box$	T				+	$\parallel$	T	$\vdash$	T					H		$\dag \uparrow$
	]					П																					1		1															П		
	]	Ш	Ш				$\prod$						$\prod$				Ц	$\prod$								$\prod$																		$\prod$		$\coprod$
441			11	-	$\prod$	$\dashv$	$\sqcup$	$oxed{\downarrow}$	1		$\downarrow \downarrow$	4	$\sqcup$				H			$\downarrow \downarrow$	+	$\sqcup$				$\downarrow \downarrow$				H											V		1		1	11
111	1	H	+	$\vdash$	+	+	H	+		-	+	+	H	1	$  \downarrow  $	+	H			$\dashv$	-		+	H		H		H	1				-		100					1					+	
-	1	H		H			$\downarrow$	-		H	$\mathbb{H}$	+	H		H	+		4		1.	+	11		14		4-4	<b>.</b>	$\left\{ \cdot \right\}$	4		+													H		

# DRILLING SUMMARY

203) Trem(a

	DRILL HOLE No. $RWH-1$
	PROSPECT Waterhole
Market Communication (Communication Communication Communic	LOCATION SEC 8 T9N RZEE
	COORDINATES
	LOGGED BY BRB
75/	
TOTAL DEPTH 75	
STARTING DATE $2-20-75$	COMPLETION 2-20-75
DEPTH TO BEDROCK	
ROTARY FOOTAGE 75 '	CORE FOOTAGE
ROCK TYPES: 0-75 R tuff &	uff breccia
ALTERATION: 0-75 9tz + epia	lote
MINERALIZATION: 0-75 pyrite + m	+ (oxidized above 501)
METALLURGICAL TYPE (S): Oxide 0-50 ASSAY DATA: Sulfide 50-75	5

COMMENTS: Water @ 50'

CONOCO - DRILL LOG	PROJECT
MINERALS EXPLORATION	HOLE NO. RWH-/
COORDINATES	SECTION 8 TWP 9N RANGE 28=
INCLINATION Vertical BEARING FOOTAGE: CORE ROTARY 75' CONTRACTOR EXLUND Gene Martin OBJECTIVE Test high sulfider area near Wafern STOPPED BECAUSE Lost to Caving -objective not achieved	START 2-20-75 COMPLETION 2-20-75 LOGGED BY BRB
OBJECTIVE TEST high sulfider area near Water is stopped BECAUSE lost to caving -objective not achieved	hole 600-700'
FOOTAGE ROCK TYPE LITH OO DIA BOTTOM WINERALS  LITH OO DO DE DE DE DE DE DE DE DE DE DE DE DE DE	THE TOTAL OF THE CU MO AG AU PB Zn
	4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
57R VOLTM 3	2 / /
Leas 35 III	
30 1 3 1	
404 5 ()	
THE ASSESSMENT OF THE PROPERTY	
502 50	

CONOCO - DRILL LOG MINERALS EXPLORATION PROJECT Waterhole

HOLE NO. RWH-1

TOTAL FOOTAGE 75'

H_C	ဍ	GEOLOGY
DEPTH RUN BOTTOM	GRAPHIC LOG	DESCRIPTION AND REMARKS
- 8	9	
+++		PARTIPLEM ON IDI DED THE AND THAT BRECCIA WIDISSEMINATED AVAITED FINE
++		CUBES C/2 % YELLOWISH BROWN LIMON TO MUSTILY ON FRACTURES
11/0		AS ABOVE SMALL BRECGIA FRAGMENTS IN SILICEOUS; GRAY CLAY GOUGE
1/5	<b> </b>	
120	-	ED WITH VERY EVICENT HEMATITE STAIN AS WELL AS ABOVE LIMONITE
100		BO WITH VERY EVIDENT HEMATITE STAIN AS WELL AS ABOVE LIMONITE
123		DO MCREASED LIMONITE AND MANGANESES PRESENT
130		MIRTUALLY ALL MOLG BREEGIA MUCH LESS LIMONITE
35	-	BACK TO THE AND BREECHA WITH INCREMSED LIMONITE
+		PREA TO THE TIME OFFICE THE WITTER TWO CREATED CHARMITE
40		DO-END DE DXIDATION
		MAKWETT TE (QI) CRYSTALS BREECLA HAS MICROCRYSTS OF OTZ AND LICH GRAY
45		MAGNETT TE (QI) CRYSTALS BREDGYA HAS MICROCRYSTS OF QTZ AND KSPAR
150		BU WITH EPIDOTE AS CLOTS, ALONG FRACTURES, AND AS DISCRETE GRAINS (WATER)
111	1	COMPAND TO THE TOTAL PROPERTY OF THE PROPERTY
55		BOMINOR AVAITE-EDIDOTE VERMUETS
100	1	DO INCREASED EPIDETE 1-2% INCLOS WITH OXIDIZED MAGNETITE PECES
+//		TO PERVESIVE SLEEM COLDE TO RUCK PYRITE ABOUT 126
70	.	
		DO BOTTOM OF YOUR
11/2		BOTTOM OF HOLE
+		
	1	
+++		
	1	
+++		
	1	

CONOCO - DRILL LOG MINERALS EXPLORATION

PROJECT	1 v 1		
HOLE NO			
TOTAL FOO	TAGE		

≌	GEOLOGY
GRAPHIC LOG	DESCRIPTION AND REMARKS
ق	<u></u>
	ALLUWIAL FILL FOR DRILL SITE
	MIXED BAG OF SIXICEOUS ODLC AX W/BRWWISH LIMMITE ON FRACTURES, SOME
	HEMATUTE AFTER OPAQUES; SOME PY REMAINS DRIG 3-426; NO MIT
	SOME ANDES ITE (FRESH) MIKED WAX SILL VALA
	DE WINCEASED ON DATION
	BUW/MCREASED ON DATION
	LEBS FEOX: FRESH AN IM NHITE OTZ ALTERED BIL SOMEWHAT PORPHYRITIE VOLL
	FED FEAT TREST BY IMMINE GIZ HELEND DIE DIMENTATION BY VICE VOL
	DO EXCEPT SOME SPOTTED GTZ-BID FRAG FINE GRAVMO, MIXED WINAY VOLC
	FI ALPHA PLANT AND AND AND AND AND AND AND AND AND AND
-	
	PO MOST OF STZ US MILKY PURIE MOSTLY ON
	DO W/Z-BZ OV PMALTET
	MIKED OX AMO FRESH SILLCIFIED VOLCS TO 590 FRESH ENHEDRAL, SILLVERY PY
<b>↓</b>	
1	
	201 W/2-39 0X PM
}	
<u> </u>	
1	
	FRESH, MILLEY OTZ WISUBHEDKAL SILVERY PYRITE 4-5%



## ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 89431

PHONE: (702) 359-6311

### Certificate of Analysis

rage I UI	
RMGC Numbers:	
Local Job No.:7.5639	R
Foreign Job No.:	

Invoice No.:....

Date:

March 14, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

46 rock samples

Submitted by:

Barney Berger

**Date Received:** 

March 1, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the projection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected

1 ppm — 0.00292 Troy oz./ton — 34.286 ppm

1 ppm — 0.0292 Troy oz./ton

Page 2 of 3

		nnm	nnm	1/2 1/2 ma			0 /m
	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T <u>Silver</u>
RWH1	75-80	30	<b>-</b> 1	10	20	-0.003	-0.03
RWH2	0 - 5	45	-1	20	15	-0.003	-0.03
	5-10	95	1	10	35	-0.003	-0.03
	10-15	95	-1	20	25	-0.003	-0.03
	15-20	80	1	10	25	-0.003	-0.03
	20-25	100	1	10	30	-0.003	-0.03
	25-30	75	-1	10	30	-0.003	-0.03
	30-35	35	1	10	35	-0.003	-0.03
	35-40	35	-1	70	60	-0.003	-0.03
	40-45	25	-1	20	50	-0.003	-0.03
	45-50	20	<b>-</b> 1	10	60	-0.003	-0.03
	50-55	50	-1	10	40	-0.003	-0.03
	55-60	115	1	10	55	-0.003	-0.03
	60-65	125	-1	10	55	-0.003	-0.03
	65-70	25	1	10	55	-0.003	-0.03
	70-75	60	1	10	45	-0.003	-0.03
	75-80	40	1	10	50	-0.003	-0.03
	80-85	35	1	10	60	-0.003	-0.03
	85-90	30	-1	10	75	-0.003	-0.03
	90-95	35	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.0	5 5	-0.003	-0.03
	95-100	30	1 - <b>1</b> - 1 - 1	10	45	-0.003	-0.03
	100-105	25	. 141 11428 1	20	35	-0.003	-0.03
	105-110	25	1	10	25	-0.003	-0.03
	110-115	35	1	10	35	-0.003	-0.03
RWH2	115-120	35	-1	10	45	-0.003	-0.03

3 of\_\_\_\_ Page\_

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH2	120-125	30	-1	10	35	-0.003	-0.03
RWH3	5-10	70	1	10	85	-0.003	-0.03
	10-15	65	-1	10	65	-0.003	-0.03
	15-20	75	- 1	10	55	-0.003	-0.03
	20-25	80	-1	20	40	-0.003	-0.03
	25-30	80	-1	10	35	-0.003	-0.03
	30-35	80	-1	20	30	-0.003	-0.03
	35-40	70	-1	10	30	-0.003	-0.03
	40-45	45	-1	10	45	-0.003	-0.03
	45-50	60	-1	10	50	-0.003	-0.03
	50-55	85	-1	10	40	-0.003	-0.03
	55-60	65	-1	30	65	-0.003	-0.03
	60-65	145	1	20	50	-0.003	-0.03
RWH3	65-70	80	1	10	45	-0.003	-0.03
WRB	2404	5	-1	10	25	-0.003	-0.03
	2405,	5	1 2	10	15	-0,003	-0.03
	2406	5	-1 · · · · · · · · · · · · · · · · · · ·	-10	10	-0.003	-0.03
WRB	2408	10	-1	90	20	-0.003	-0.03
	CU+1	5	11	20	10	-0.003	-0.03
	CU-2	175	17	10	40	-0.003	-0.03
714	2407	70	-1	10	45	-0.003	-0.03

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada March 14, 1975



## ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 8943

PHONE: (702) 359-6311

#### Certificate of Analysis

Fage 1 Ut
RMGC Numbers:
Local Job No.: 75-9-111
Foreign Job No.:

Invoice No.: 10288

Date:

April 5, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

80 cutting samples

Submitted by:

B. Berger

**Date Received:** 

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

Analytical Methods:

Molybdenum analysis is determined colorimetrically, All other analysis is determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Conoco - Waterhole Project

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected

1 ppm — 0.00292 Troy oz./ton

\_RMGC Job No.\_

75-9-11R

Page \_\_\_\_ 5

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	0-5	15	<b>41</b>	10	10	-0.003	-0.03
	5-10	20	1	10	10	-0.003	-0.03
	10-15	25	1	-10	5	-0.003	-0.03
	.15-20	15	<b>-1</b>	-10	5	-0.003	-0.03
	20-25	30	-1	-10	5	-0.003	-0.03
	25-30	25		-10	- 5	-0.003	-0.03
,	30-35	10	•1	-10	<b>-</b> 5	-0.003	-0.03
	35-40	10	1	10	- 5	-0.003	-0.03
.*	40-45	5	1	-10	- 5	-0.003	-0.03
	45-50	5	<b>1</b>	-10	-5	-0.003	-0.03
	50-55	5	-1	-10	-5	-0.003	-0.03
	55-60	85	<b>3</b>	10	+ 5	-0.003	-0.03
	60-65	40	10	-10	- 5	-0.003	-0.03
	65-70	10	2	-10	<b>*</b> 5	-0.003	-0.03
	70-75	20	-1	-10	- 5	-0.003	-0.03
	7,5-80	25	3	-10	<b>-</b> 5	-0.003	-0.03
	80-85	10	2	-10	- 5	-0.003	-0.03
	85-90	10		-10	+5	-0.003	-0.03
	90-95	15	2	-10	<b>+ S</b>	-0.003	-0.03
	95-100	5	<b>2</b> 2	-10	<b>S</b>	-0.003	-0.03
	100-105	15	8	-10	-5	-0.003	-0.03
	105-110	10	6	10	-5	-0.003	-0.03
	110-115	10	1	-10	• \$	-0.003	-0.03
	115-120	15	**************************************	10	-5	-0.003	-0.03
RWH4	120-125	10		-10	<b>-5</b>	-0.003	-0.,03

Page \_\_\_\_\_\_ of \_\_\_\_ 5\_\_

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	125-130	5	4	-10	- 5	-0.003	-0.03
	130-135	10	3	-10	5	-0:003	-0.03
	135-140	5	2	-10	- 5	-0:003	-0.03
	140-145	· 5 ·	2	-10	- 5	-0.003	-0.03
	145-150	15	2	-10	- 5	-0.003	~0.03
	150-155	5	-1	-10	- 5	-0:003	-0.03
	155-160	5	1	-10	- 5	-0.003	-0.03
	160-165	5	2	-10	- 5	-0.003	-0.03
•	165-170	5	3	-10	5	-0.003	-0.03
	170-175	5	2	-10	-5	-0.003	-0.03
	175-180	5	4	-10	5	-0.003	-0.03
	180-185	10	<b>4</b> * * * * * * * * * * * * * * * * * * *	-10	15	-0.003	-0.03
4	185-190	5	2	-10	5	-0.003	-0.03
	190-195	5	2	-10	5	-0.003	-0.03
	195-200	10	1 · · · · · · · · · · · · · · · · · · ·	-10	5	-0.003	-0.03
	200-205	50	2	-10	10	-0.003	-0.03
	205-210	420	1	-10	10	-0,003	0.03
	210-215	15	2	+10	5	-0,003	-0.03
	215-220	10		-10	5	-0.003	-0.03
	220-225	10	1	-10	5	-0.003	-0.03
	225-230	<b>5</b>	2	-10	5	-0.003	-0.03
	230-235	5	2	-10	-5	-0.003	-0.03
	235-240	5		-10	-5	-0.003	-0.03
	240-245	5		-10	<b>-</b> 5	-0.003	-0.03
RWH4	245-250	S	기 : 1 (4년 ) 6년 (1일) (1일) (1일) (1일) (1일) (1일) (1일) (1일)	-10	\$	-0:003	-0:03

Page 4 of 5

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	250-255	10	3	-10	5	-0,003	-0.03
	255-260	5	2	-10	- 5	-0,003	-0.03
	260-265	5	1	-10	- 5	-0,003	+0.03
	265-270	5	1	-10	-5	-0,003	-0.03
	270-275	5	2	-10	5	-0,003	0.03
	275-280	5	. 4	-10	5	-0,003	0.03
	280-285	5	4	-10	- 5	-0.003	0.03
	285-290	5	3	+10	- 5	-0.003	+0.03
	290-295	5	2	-10	- 5	-0.003	-0.03
	295-300	10	3	10	10	-0.003	+0.03
	300-305	10	3	10	10	-0.003	-0.03
	305-310	5	2	-10	5	-0,003	-0.03
	310-315	S	2	-10	5	-0,003	-0,03
	315-320	<b>S</b>	2	-10	5	-0.003	-0.03
	320-325	5	1	-10	5	-0,003	+0.03
	325-330	5	2	10	5	-0.003	-0.03
	330-335	5	<b>2</b>	-10	\$	-0,003	-0,03
	335+340	<b>5</b> .	2	10	-5	-0,003	-0.03
	340-345	10		-10	5	-0,003	-0.03
	345-350	15	2	-10	<b>.</b>	-0.003	-0.03
	350-355	15		-10	5	-0,003	+0.03
	355-360	10	<b>3</b>	-10	-5	-0.003	+0.03
	360-365	15		÷10	5	-0,003	+0,03
	365-370	10	2.	~10	•5	-0,003	40.03
RWH4	370+375	25		20	20	-0.003	+0.03
	그 사내는 그는 선택하다면 하다						



CONOCO

Client\_

April 5, 1975

RMGC Job No.\_

75-9-11R

	5	_	- 5
Page		of	

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	375-380	15	2	-10	* 5	-0.003	-0.03
	380-385	15	1	-10	5	-0,003	-0.03
	385-390	15	1	10	5	-0.003	-0.03
	390-395	15	1	-10	5	-0.003	-0.03
RWH4	395-400	15	2	-10	5	-0.003	-0,03

By

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada April 5, 1975



## ROCKY MOUNTAIN SECCHEMICAL

840 GREG STREET

SPARKS, NEVADA 8943

PHONE: (702) 359-6311

#### Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 75-9-11R
Foreign Job No.:
Invoice No.: 10288

Date:

April 5, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

80 cutting samples

Submitted by:

B. Berger

**Date Received:** 

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

Analytical Methods:

Molybdenum analysis is determined colorimetrically, All other analysis is determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Conoco-Waterhole Project

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

Page 2 of 5

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	0+5	15	-1	10	10	-0.003	-0.03
	5-10	20	1	10	10	-0.003	-0.03
	10-15	25	1	-10	5	-0.003	-0.03
	15-20	15	•1	-10	5	-0.003	-0.03
	20-25	30	-1	-10	5	-0.003	-0.03
	25-30	25		-10	- 5	-0.003	-0.03
	30-35	10	-1	-10	- 5	-0.003	-0.03
	35-40	10	1	10	- 5	-0.003	-0.03
	40-45	5	1	-10	<b>-</b> 5	-0.003	-0.03
	45-50	5	1	-10	-5	-0.003	-0.03
	50+55	5	+1	-10	- 5	-0.003	-0.03
	55-60	85	3	10	- 5	-0.003	-0.03
	60-65	40	10	-10	-5	-0.003	-0.03
	65-70	10	2	-10	- 5	-0.003	-0.03
	70-75	20	• <b>• 1</b>	-10	<b>+</b> 5	-0.003	-0.03
	75-80	25	3	-10	- 5	-0.003	-0.03
2	80-85	10	2	-10	• 5	-0.003	-0.03
	85-90	10	<b>3</b>	-10	<b>-</b> 5	-0.003	-0.03
	90-95	15	2	-10	-5	-0.003	-0.03
	95-100	5		-10	5	-0.003	-0.03
	100-105	15	8	-10	<b>+5</b>	-0.003	-0.03
	105-110	10	6	. 10	+5	-0.003	+0.03
	110-115	10		-10	-5	-0.003	-0.03
	115-120	15		10	- 5	-0.003	-0.03
RWH4	120-125	10		-10	<b>+5</b>	-0.003	-0.03



Page \_\_\_\_\_3 \_\_\_ of \_\_\_\_5

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	125-130	5	4	-10	<b>+</b> 5	-0.003	-0.03
	130-135	10	<b>3</b> ************************************	-10	5	-0.003	-0.03
	135-140	5	<b>2</b>	-10	<b>-</b> 5	-0.003	-0.03
	140-145	<b>5</b>	2	-10	<b>+</b> 5	-0.003	-0.03
	145-150	15	<b>Ż</b>	-10	- 5	-0.003	~0.03
	150-155	5	•1	-10	- 5	-0.003	-0.03
	155-160	5	1	-10	<b>+</b> 5	-0.003	-0.03
	160-165	5	2	-10	- 5	-0.003	-0.03
	165-170	5	<b>3</b>	-10	5	-0.003	-0.03
	170-175	<b>. .</b>	2	-10	÷5	-0.003	-0.03
	175-180	5	4	-10	5	-0.003	-0.03
	180-185	10	4	-10	15	-0.003	-0.03
	185-190	5	2	-10	5	-0.003	-0.03
	190-195	5	2	-10	5	-0.003	-0.03
	195-200	10	1	-10	5	-0.003	-0.03
	200-205	50	2	-10	10	-0.003	-0.03
	205-210	420	<b>1</b>	-10	10	-0.003	0.03
	210-215	15	2	-10	5	-0.003	-0.03
	215-220	10	1	-10	5	-0.003	-0.03
	220-225	10	1	-10	5	-0.003	-0.03
	225-230	5	2	-10	5	-0.003	-0.03
	230-235	5	2	-10	• 5	-0.003	-0.03
	235-240	5	-1	-10	<b>* 5</b>	-0.003	-0.03
	240-245	5		-10	-5	-0.003	-0.03
RWH4	245-250	<b>5</b>	3 · · · · · · · · · · · · · · · · · · ·	+10	5	-0.003	-0.03



Page 4 of 5

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH4	250-255	10	3	-10	.5	-0.003	-0.03
	255-260	5	2	-10	- 5	-0.003	-0.03
	260-265	5	1	-10	<del>-</del> 5	-0.003	-0.03
	265-270	5	1	-10	- 5	-0.003	-0.03
	270-275	5	2	-10	5	-0.003	0.03
	275-280	5	4	-10	5	-0.003	0.03
	280-285	5	4	-10	- 5	-0.003	0.03
	285-290	5	3	-10	- 5	-0.003	-0.03
	290-295	5	2	-10	<b>-</b> 5	-0.003	-0.03
	295-300	10	3	10	10	-0.003	-0.03
	300-305	10	3	10	10	-0.003	-0.03
	305-310	5	2	-10	5	-0.003	-0.03
	310-315	5	2	-10	5	-0.003	-0.03
	315-320	5	2	-10	5	-0.003	-0.03
	320-325	5	1	-10	5	-0.003	-0.03
	325-330	5	2	10	5	-0.003	-0.03
	330+335	5	2	+10	5	-0.003	-0.03
	335-340	5	<b>2</b>	10	<del>-</del> 5	-0.003	-0.03
	340-345	10		•10	5	-0.003	-0.03
	345-350	15	2	-10	5	-0.003	-0.03
	350-355	15	<b>2</b>	-10	5	-0.003	-0.03
	355-360	10	3	-10	-5	-0.003	-0.03
	360-365	15	<b>2</b>	-10	5	-0.003	-0.03
	365-370	10	2	<b>-10</b>	<b>+5</b>	-0.003	-0.03
RWH4	370-375	25		20		-0.003	-0.03
				at the contract of the contract of	Soly the second	그리는 소식을 하는데 없다는 병사를 다	· 《常见传传》



Page 5 of 5

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Oz/T Zinc Gold	Oz/T Silver
RWH4	375-380	15	2	-10	5 -0.003	-0.03
	380-385	15	1	-10	5 -0.003	-0.03
	385-390	15	1	10	5 -0.003	-0.03
	390-395	15	1	-10	5 -0.003	-0.03
RWH4	395-400	15	2	-10	5 -0.003	-0.03

By Sayon deciso

Gary M. Fechto
Rocky Mountain Geochemical Corporation
Sparks, Nevada April 5, 1975



## ROCKY MOUNTAIN SECCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 8943

PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 75-7-36R
Foreign Job No.:
Invoice No.: 10192

3

Date:

March 18, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

29 rock samples

Submitted by:

B. Berger

Date Received:

March 7, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Tonoco - Waterhale Project

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protestion of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected 1 ppm — 0,0001% 1 Troy ex./ton = 34.286 ppm 1 ppm — 0,0292 Troy ex./ton

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	270-275	75	5	10	20	-0.003	-0.03
	275-280	40	4	10	10	-0.003	-0.03
	280-285	45	-1	40	35	-0.003	-0.03
	285-290	55	2	20	30	-0.003	-0.03
	290-295	25	2	10	15	-0.003	-0.03
	295-300	20	1	20	30	-0.003	-0.03
	300-305	30	1	20	25	-0.003	-0.03
	305-310	20	3	10	5	-0.003	-0.03
	310-315	20	2	20	15	-0.003	-0.03
	315-320	35	4	10	10	-0.003	-0.03
	320-325	30	<u> </u>	70	120	-0.003	-0.03
	325-330	70	2	120	115	-0.003	-0.03
	330-335	205	1	20	125	-0.003	-0.03
	335-340	110	2	20	145	-0.003	-0.03
	340-345	170	2	20	145	-0.003	-0.03
	345-350	105	2	20	150	-0.003	-0.03
	350-355	5.5	<b>-1</b> .	20	190	-0.003	-0.03
	355-360	50	1	30	165	-0.003	-0.03
	360-365	65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30	145	-0.003	-0.03
	365-370	40	2	20	30	-0.003	-0.03
	370-375	25	3	20	15	-0.003	-0.03
N	375-380	35	3	20	15	-0.003	-0.03
	380-385	30	3	20	50	-0.003	-0.03
	385-390	50	3	10	50	-0.003	-0.03
RWH3	390-395	55	2	10	85	-0.003	-0.03



\_\_3\_\_ of\_\_3\_

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	395-400 .	60	-1	20	80	-0.003	-0.03
	400-405	35	2	20	35	-0.003	-0.03
	405-410	60	-1	20	35	-0.003	-0.03
RWH3	410-415	115	3	10	80	-0.003	-0.03

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada March 18, 1975



# ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 89431

PHONE: (702) 359-6311

Page 1 of

## Certificate of Analysis

1 080 2 01
RMGC Numbers:
Local Job No.: 75-7-13R
Foreign Job No.:
Invoice No.: 10202

3

Date:

March 19, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

40 cutting samples

Submitted by:

B. Berger

**Date Received:** 

March 3, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Lonoco - Waterhole Project

Dama 2 . 7

						•	
	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	70-75	60	-1	10	75	-0.003	-0.03
	75 <b>-</b> 80	55	-1	10	75	-0.003	-0.03
	80-85	55	-1	20	65	-0.003	-0.03
	85-90	50	1	20	60	-0.003	-0.03
Ţ	Jnmarked	55	-1	10	55	-0.003	-0.03
	95-100	65	-1	20	5 5	-0.003	-0.03
	100-105	70	-1	10	50	-0.003	-0.03
	105-110	70	-1	20	60	-0.003	-0.03
	110-115	75	1	10	45	-0.003	-0.03
	115-120	85	-1	10	50	-0.003	-0.03
	120-125	70	-1	10	55	-0.003	-0.03
	125-130	55	-1	10	55	-0.003	-0.03
	130-135	70	-1	10	5 5	-0.003	-0.03
	135-140	60	-1	10	55	-0.003	-0.03
	140-145	60	-1	20	70	-0.003	-0.03
	145-150	50	- 1	10	60	-0.003	-0.03
	150-155	30	<b>-1</b>	10	45	-0.003	-0.03
	155-160	60	-1	10	35	-0.003	-0.03
	160-165	20	- 1	10	20	-0.003	-0.03
	165-170	15	-1	10	10	-0.003	-0.03
	170-175	15	<b>-1</b>	10	20	-0.003	-0.03
	180-185	15	<b>-1</b>	10	10	-0.003	-0.03
	185-190	15	-1	20	5	-0.003	-0.03
	190-195	15		10	5	-0.003	-0.03
RWH3	195-200	20	<b>-1</b> .	-10	15	-0.003	-0.03
						0 4 0 0 0	-0.03

Page\_ \_3\_\_\_ of\_\_\_3\_

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	200-205	30	-1	20	30	-0.003	-0.03
	205-210A	15	-1	10	15	-0.003	-0.03
	205-210B	15	-1	10	10	-0.003	-0.03
	210-215	45	-1	-10	5	-0.003	-0.03
	215-220	115	5	10	15	-0.003	-0.03
	220-225	65	-1	80	20	-0.003	-0.03
	225-230	20	-1	10	5	-0.003	-0.03
	230-235	20	3	10	10	-0.003	-0.03
	235-240	15	1	10	5	-0.003	-0.03
	240-245	85	-1	10	15	-0.003	-0.03
	245-250	60	-1	10	10	-0.003	-0.03
	250-255	25	-1	-10	15	-0.003	-0.03
	255-260	40	-1	10	20	-0.003	-0.03
	260-265	65	-1	60	50	-0.003	-0.03
RWH3	265-270	70	-1	10	25	-0.003	-0.03

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada March 19, 1975





## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 75-7-36R
Foreign Job No.:
Invoice No.: 10192

Date:

March 18, 1975

**Client:** 

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

29 rock samples

Submitted by:

B. Berger

**Date Received:** 

March 7, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

Enclosed (2)

**RMGC** File

GMF:er

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the projection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission. ND - None Detected 1 ppm = 0.0001%1 Troy ez./ton = 34.286 ppm 1 ppm == 0.0292 Troy oz./ton

Page 2 of 3

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	270-275	75	5	10	20	-0.003	-0.03
	275-280	40	4	10	10	-0.003	-0.03
	280-285	45	-1	40	35	-0.003	-0.03
	285-290	, · · <b>55</b> . 344,	2 ,	20	30	-0.003	-0.03
	290-295	25	2	. 10	15	-0.003	-0.03
	295-300	20	1	. 20	30	-0.003	-0.03
	300-305	30	1 .	20	25	-0.003	-0.03
	305-310	20	3	10	5	-0,003	-0.03
	310-315	20	2	20	15	-0,003	-0.03
	315-320	35	<b>4</b> A.,	10 4	10	-0.003	-0.03
	320-325	30	3	70	120	-0.003	-0.03
	325-330	70	2	120	115	-0.003	-0.03
	330-335	205	1	20	125	-0.003	-0.03
	335-340	110	2	20	145	-0.003	-0.03
	340-345	170	2	20	145	-0.003	-0.03
	345-350	105	2	20	150	-0.003	-0.03
	350-355	55	-1	20	190	-0.003	-0.03
	355-360	50	1	30	165	-0.003	-0.03
•	360-365	65	1	30	145	-0.003	-0.03
	365-370	40	2	20	30	-0.003	-0.03
	370-375	25	3	20	15	-0.003	-0.03
	375-380	35	3	20	15	-0.003	-0.03
	380-385	30	3	20	50	-0.003	-0.03
	385-390	50	3	10	50	-0.003	-0.03
RWH3	390-395	55	2	10	8.5	-0,003	-0.03



	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	395-400	60	<b>-1</b>	20	80	-0.003	-0.03
	400-405	35	2	20	35	-0.003	-0.03
	405-410	60	-1	20	35	-0.003	-0.03
RWH3	410-415	115	3	10	80	-0.003	-0.03

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada March 18, 1975



## ROCKY MOUNTAIN GEOCHEMICAL

Item 6

CORP.

840 GREG STREET

SPARKS, NEVADA 8943

PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 75-7-13R
Foreign Job No.:
Invaire No. 10202

Date:

March 19, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

40 cutting samples

Submitted by:

B. Berger

**Date Received:** 

March 3, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Conoro - Waterhole Project

Page 2 of 3

			* .				
	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	70-75	60	-1	10	7.5	-0.003	-0.03
	75-80	55	-1	10	75	-0.003	-0.03
	80-85	55	-1	20	65	-0.003	-0.03
	85-90	50	1	20	60	-0.003	-0.03
1	Unmarked	55	-1	10	55	-0.003	-0.03
	95-100	65	-1	20	55	-0.003	-0.03
	100-105	70	-1	10	50	-0.003	-0.03
	105-110	70	-1	20	60	-0.003	-0.03
	110-115	75	1	10	45	-0.003	-0.03
	115-120	85	•1	10	50	-0.003	-0.03
	120-125	70	-1	10	55	-0,003	-0.03
	125-130	5 5	•1	10	5.5	-0.003	-0.03
	130-135	70	•1	10	55	-0.003	-0.03
	135-140	60	+1	10	5 5	-0.003	-0.03
	140-145	60	• <b>1</b>	20	70	-0.003	-0.03
	145-150	50	•1	10	60	-0.003	-0.03
	150-155	30	<b>.1</b>	10	45	-0.003	-0.03
	155-160	60	<b>-1</b>	10	35	-0.003	-0.03
	160-165	20		10	20	-0.003	-0.03
	165-170	15		. 10.	10	-0.003	<b>~0.03</b>
	170-175	15		10	20	-0.003	+0.03
	180-185	15		10	10	-0.003	-0.03
	185-190	15		20		-0.003	-0.03
	190-195	15		10	5	-0.003	-0.03
RWH3	195-200	20		•10		-0.003	-0.03

	and the second s						
	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH3	200-205	30	-1	20	30	-0.003	-0.03
	205-210A	15	•1	10	15	-0.003	-0.03
	205-210B	15	-1	10	10	-0.003	-0.03
	210-215	45	•1	-10	5	-0.003	-0.03
	215-220	115	<b>5</b> v.:	10	15	-0.003	-0.03
	220-225	65	. • <b>1</b>	80	20	-0.003	-0.03
	225-230	20	<b>-1</b>	10	5	-0.003	-0.03
	230-235	20	<b>3</b>	10	10	-0.003	-0.03
	235-240	15	<b>1</b>	10	5	-0.003	-0.03
	240-245	85	- <b>1</b>	10	15	-0.003	-0.03
	245-250	60	• <b>1</b>	10	10	-0.003	+0.03
	250-255	25	•1	-10	15	-0.003	-0.03
	255-260	40	•1	10	20	-0.003	-0.03
	260-265	65	+1	60	50	-0.003	-0.03
RWH3	265-270	70	<b>-1</b>	10	25	-0.003	-0.03

By May or decido

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada March 19, 1975



## ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 89431

PHONE: (702) 359-6311

#### Certificate of Analysis

	Page 1 07
ı	RMGC Numbers:
ı	ocal Job No.: 75-6-39R
I	Foreign Job No.:

Invoice No.:....

Date:

March 14, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

**Client Order No.:** 

None

Report On:

46 rock samples

Submitted by:

Barney Berger

Date Received:

March 1, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdeaum analysis is determined colorimetrically, All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Conoco-Waterhole Project

Page 2 of 3

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH1	75-80	30	-1	10	20	-0.003	-0.03
RWH2	0-5	45	-1	20	15	-0.003	-0.03
	5-10	95	1.1.	10	35	-0.003	-0.03
	10-15	95	• <b>1</b>	20	25	-0.003	-0.03
	15-20	80	1	10	25	-0.003	-0.03
	20-25	100	1	10	30	-0.003	-0.03
	25-30	75	-1	10	30	-0.003	-0.03
	30-35	35	1	10	35	-0.003	-0.03
	35-40	35	-1	70	60	-0.003	-0.03
	40-45	25	-1	20	50	-0.003	-0.03
	45-50	20	-1	10	60	-0.003	-0.03
	50-55	50	-1	10	40	-0.003	-0.03
	55-60	115	1	10	55	-0.003	-0.03
	60-65	125	-1	10	55	-0.003	-0.03
	65-70	25	1	10	55	-0.003	-0.03
	70-75	60	1	10	45	-0.003	-0.03
	75-80	40	1	10	50	-0.003	-0.03
	80-85	35	1	10	60	-0.003	-0.03
	85-90	30	<b>61</b>	10	7.5	-0.003	-0.03
	90-95	35	-1	10	5 5	-0.003	-0.03
	95-100	30	•1	10	45	-0.003	-0.03
	100-105	25		20	35	-0.003	-0.03
	105-110	25		10	25	-0.003	-0.03
	110-115	35	1	10	35	-0.003	-0.03
RWH2	115-120	35	-1	10	45	-0.003	-0.03

Page 3 of 3

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH2	120-125	* 30	-1	10	35	-0.003	-0.03
RWH3	5-10	· <b>7</b> 0	1.	10	85	-0.003	-0.03
	10-15	65	-1	1.0	65	-0.003	-0.03
	15-20	75	-1	10:	55	-0.003	-0.03
	20-25	80	-1	20	40	-0.003	-0.03
	25-30	<b>680</b>	-1	10	35	-0.003	-0.03
	30-35	1 80	-1	20	30	-0.003	-0.03
•	35-40	70	-1	10	30	-0.003	-0.03
	40-45	45	-1	10	45	-0.003	-0.03
	45-50	60	-1	10	50	-0.003	-0.03
	50-55	85	-1	10	40	-0.003	-0.03
	<b>55-6</b> 0	65	-1	30	65	-0.003	-0.03
	60-65	145	1	20	50	-0.003	-0.03
RWH3	65-70	80	1	10	45	-0.003	-0.03
WRB	2404	- 5	-1	10	2.5	-0.003	-0.03
	2405	5	1	10	15	-0.003	-0.03
	2406	5	-1	-10	10	-0.003	-0.03
WRB	2408	10	-1	90	20	-0.003	-0.03
	CU-1	5	11	20	10	-0.003	-0.03
	CU-2	175	17	10	40	-0.003	-0.03
714	2407	70	-1	<b>10</b> · ·		-0.003	-0.03

By Days Decibo





# ROCKY MOUNTAIN GEOCHEMICAL

· SPARKS, NEVADA 8943

PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 75-5-41R
Foreign Job No.:
Invoice No.: 10089

Date:

February 27, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

**Client Order No.:** 

None

Report On:

15 rock samples

Submitted by:

Barney Berger

**Date Received:** 

February 20, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically, All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Cornoco - Water hole Project

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected

1 ppm — 0.0001%

1 Troy oz./ton — 34.286 ppm

1 ppm — 0.0292 Troy oz./ton

Page 2 of 2

<u>S</u> a	imple No.	ppm Copper	ppm Molybdenum	ppm L <b>ea</b> d	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH-1	0-5	50	2	20	20	-0.003	-0.03
	5-10	45	2	50	55	-0.003	-0.03
	10-15	45	1	10	20	-0.003	-0.03
	15-20	30	4	10	5	-0.003	-0.03
	20-25	85	2	20	25	-0.003	-0.03
	25-30	120	1	60	95	-0.003	-0.03
	30-35	100	· . , <b>3</b>	20	20	-0.003	-0.03
	35-40	85	-1	10	15	-0.003	-0.03
	40-45	40	-1	20	50	-0.003	-0.03
	45-50	10	1	20	5 5	-0.003	-0.03
	50-55	45	-1	10	55	-0.003	-0.03
	55-60	80	-1	20	90	-0.003	-0.03
	60-65	75	-1	10	70	-0.003	-0.03
	65-70	80	-1	10	60	-0.003	-0.03
RWH-1	70-75	50	2	10	30	-0.003	-0.03

By Service

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada February 27, 1975



## ROCKY MOUNTAIN GEOCHEMICAL

I tom 6

840 GREG STREET

SPARKS, NEVADA 89431

PHONE: (702) 359-6311

## Certificate of Analysis

·		Page 1 of2
Date:	Echnicani 27 1075	RMGC Numbers:
	February 27, 1975	Local Job No.: 75-5-41R
Client:	Continental Oil Company	Foreign Job No
	P. O. Box 7608	Invoice No.:. 10089

Client Order No.:

None

Reno, NV

Report On:

15 rock samples

Submitted by:

Barney Berger

Date Received:

February 20, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Conoco - Waterhole Project

<u>S</u> :	ample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH-1	0-5	50	2	20	20	-0.003	-0.03
	5-10	45	2	50	5 5	-0.003	-0.03
	10-15	45	1	10	20	-0.003	-0.03
	15-20	30	4	10	5	-0.003	-0.03
	20-25	85	2	20	25	-0.003	-0.03
	25-30	120	1	60	95	-0.003	-0.03
	30-35	100	3	20	20	-0.003	-0.03
	35-40	85	-1	10	15	-0.003	-0.03
	40-45	40	-1	20	50	-0.003	-0.03
	45-50	10	1	20	5 5	-0.003	-0.03
	50-55	45	-1	10	55	-0.003	-0.03
	55-60	80	-1	20	90	-0.003	-0.03
	60-65	75	-1	10	70	-0.003	-0.03
	65-70	80	-1	10	60	-0.003	-0.03
RWH-1	70-75	50	2	10	30	-0.003	-0.03

Gary M. Fechko Rocky Mountain Geochemical Corporation Sparks, Nevada February 27, 1975



# BOCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET • SPARKS-RENO, NEVADA 89431 • PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of ......2

Foreign Job No.:....

Invoice No.: 7757

Local Job No.: 73-33-24R

RMGC Numbers:

Date:

November 21, 1973

Client:

Conoco

P. O. Box 7608

Reno, Nevada

Client Order No.:

None

Report On:

28 rock samples

Submitted by:

P. H. Kirwin

Date Received:

November 10, 1973

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold, and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically.

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:c1--

		•				Market and the Artist		
 R Semple		ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver	
R -	1	55	-1	10	30	-0.003	-0.03	
	2	50	-1	10	10	-0.003	-0.03	
	3	10	-1	-10	-5	-0.003	-0.03	
	4	20	-1	-10	5	-0.003	-0.03	
	5	15	3	10	5	-0.003	-0.03	
R -	6	35	2	10	5	-0.003 Conoco-	-0.03 Water hole	

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read, "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the projection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected

1 ppm — 0.0001%

1 Troy oz./ton — 34,286 ppm

1 ppm — 0.00292 Troy oz./ton

	Series Le No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
R	- 7	20	25	10	10	-0.003	-0.03
	8	25	-1	10	30	-0,003	-0.03
	9	25		10	10	-0.003	-0.03
	10	40	-1	-10	5	-0.003	-0.03
•	11	15	-1	10	5	-0.003	-0.03
	12	70	-1	10	15	-0.003	-0.03
	13	35	-1	10	55	-0.003	-0.03
	14	20	-1	10	5	-0.003	-0.03
	15	20	1	-10	5	-0.003	-0.03
	16	35	4	10	5	-0.003	-0.03
	17	20	23	10	5	-0.003	-0.03
	18	20	-1	10	5	-0.003	-0.03
	19	25	1 · :	10	10	-0.003	-0.03
	20	15	3	-10	- 5	-0.003	-0.03
	21	15	1	10	5	-0.003	-0.03
	22	15	-1	10	5	-0.003	-0.03
	23	15	-1	10	30	-0.003	-0.03
R	-24	15	4	10	10	-0.003	-0.03
SS	i <b>-</b> 1	25	<b>-1</b>	10	25		
	2	35	•1	10	25		
	3	60	-1	10	30		
SS	- 4	30	•1	10	35		

Rocky Mountain Geochemical Corporation Sparks, Nevada November 21, 1973





# ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET · SPARKS-RENO, NEVADA 89431 · PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 73-34-51
Foreign Job No.:

Date:

December 5, 1973

Client:

Conoco

P. O. Box 7608

Reno, Nevada

Client Order No.:

None

Report On:

9 rock samples

Submitted by:

P. H. Kirwin

**Date Received:** 

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold, and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically.
All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:cj

Conoco - Water hole Project

**Client** 

	Series ple No.	ppm Copper	ppm Molybdenu	ppm m Lead	ppm Zinc	ppm Gold	ppm Silver
	25	5	-1	10	25	-0.1	-1
	26	10	-1	10	<b>-</b> 5	-0.1	-1
	27	10	-1	10	15	-0.1	-1 kn.
•	28	10	- 1	10	15	-0.1	-1 Bold min.
1	29	85	• 1	10	30	-0.1	- 1 - 1
	30	85	-1	10	15	-0.1	<b>-1</b>
	31	80	8	-10	- 5	1.0	1
	32	10	1	-10	15	-0.1	<b>-1</b>
	33	25	-1	10	10	-0.1	-1

By <u>Jary M. Fechko</u>

Gary M. Fechko

Rocky Mountain Geochemical Corporation Sparks, Nevada December 5, 1973



# ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET · SPARKS-RENO, NEVADA 89431 · PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.: 73-34-27R
Foreign Job No.:

Date:

December 4, 1973

Client:

Conoco

P. O. Box 7608

Reno, Nevada

Client Order No.:

None

Report On:

7 rocks

Submitted by:

P. H. Kirwin

**Date Received:** 

November 20, 1973

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold, and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically.

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:cj

Conoco - Waterhole Project

Client

WR Series Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	ppm G <b>ol</b> d	ppm Silver
34R	20	10	20	95	-0.1	-1
35R	135	3	200	90	-0.1	-1
36R	<del>-</del> 5	1	-10	5	-0.1	-1
37R	5	2	10	20	-0.1	-1
38R	50	1	10	50	-0.1	-1
<b>39</b> R	10	1.	10	15	-0.1	-1
<b>40</b> R	20	-1	-10	20	-0.1	- 1

By Jalyn Deckbo

Gary M. Fechko

Rocky Mountain Geochemical Corporation Sparks, Nevada December 4, 1973



# ROCKY MOUNTAIN SECCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 8943

PHONE: (702) 359-6311

RMGC Numbers:

## Certificate of Analysis

			1
Page	1	٥f	<b></b>

Local Job No.: 75-10-24R

Foreign Job No.:

Invoice No.: 10341

Date:

April 11, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

2 rock samples

Submitted by:

B. Berger

Date Received:

April 1, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

GMF:er

Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
400-405 405-410	15 15	1	20 10	15 10	-0.003 -0.003	-0.03 -0.03

By Day Decros

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks, Nevada April 11, 1975

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected

1 ppm — 0.001%

1 Troy oz./ton — 34.286 ppm

1 ppm — 0.0292 Troy oz./ton



Local Job No.: 75-10-24R

Foreign Job No.:....

Invoice No.: 10341

Down 1 of

## Certificate of Analysis

		rage 1 01
Date:	April 11, 1975	RMGC Numbers:

April 11, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

Client Order No.:

None

Report On:

2 rock samples

Submitted by:

B. Berger

**Date Received:** 

April 1, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T	Oz/T Silver
400-405	15	1	20	15	-0.003	-0.03
405-410	15	1	10	10	-0.003	-0.03

Gary M. Fechko Rocky Mountain Geochemical Corporation April 11, 1975 Sparks, Nevada

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (—) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission. ND \_\_\_ None Detected 1 ppm = 0.0001%1 Troy oz./ton = 34.286 ppm 1 ppm == 0.0292 Troy oz./ton



# ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET

SPARKS, NEVADA 89431

PHONE: (702) 359-6311

## Certificate of Analysis

Page 1 of
RMGC Numbers:
Local Job No.:75-10-30R
Foreign Job No.:

Invoice No.: 10340

Date:

April 11, 1975

Client:

Continental Oil Company

P. O. Box 7608

Reno, NV

**Client Order No.:** 

None

Report On:

5 rock samples

Submitted by:

B. Berger

**Date Received:** 

April 2, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically, All other analyses are determined by atomic absorption.

Remarks:

None

cc:

Enclosed (2)

RMGC File

	Sample No.	GMF:er ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH-3	415-420	150	1	10	60	-0.003	-0.03
	420-425	35	ĩ	10	40	-0.003	-0.03
RWH-3	425-430	20	-1	10	15	-0.003	-0.03
RWH-3	430-435	25	1	10	30	-0.003	-0.03
RWH-3	435-440	25	1	10	20	-0.003	-0.03

By Myn Decubo

Gary M. Fechko
Rocky Mountain Geochemical Corporation
Sparks. Nevada April 11, 1975

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND — None Detected

1 ppm — 0.00292 Troy oz./ton



Page 1 of

## Certificate of Analysis

		1 080 1 01
Date:	April 11, 1975	RMGC Numbers:  Local Job No.:75-10-30
Client:	Continental Oil Company	
		Foreign Job No
	P. O. Box 7608	Invoice No.: 10340

Client Order No.:

None

Report On:

5 rock samples

Submitted by:

B. Berger

Reno, NV

Date Received:

April 2, 1975

Analysis:

Copper, Molybdenum, Lead, Zinc, Gold and Silver

**Analytical Methods:** 

Molybdenum analysis is determined colorimetrically,

All other analyses are determined by atomic absorption.

Remarks:

None

CC:

Enclosed (2)

RMGC File

	Sample No.	ppm Copper	ppm Molybdenum	ppm Lead	ppm Zinc	Oz/T Gold	Oz/T Silver
RWH-3	415-420	150	1	10	60	-0.003	-0.03
RWH-3	420-425	35	1	10	40	-0.003	-0.03
RWH-3	425-430	20	-1	10	15	-0.003	-0.03
RWH-3	430-435	25	1	10	30	-0.003	-0.03
RWH-3	435-440	25	1	10	20	-0.003	-0.03

Gary M. Fechko Rocky Mountain Geochemical Corporation April Sparks. Nevada

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission. ND == None Detected 1 ppm = 0.0001%1 Troy oz./ton == 34.286 ppm 1 ppm == 0.0292 Troy oz./ton

203 Item (

Box 666 Carlin, Nevada 89822

Date	Ma	11-7	5	_ Sh	ift_fel	ay			
	No. 77	<i>.</i>			cation	11	rina	ton	
Hole	No. RO	UH-F	±3	Fo	otage E	//			
	er Used_				otage S				
	er Truck I	Galle	ons		otage D		,	<u> </u>	- - ::
		MATION LO	Gr	•	urs Dri		_		
Fron	то То	Form	ation	1	urs Equ	<b>y</b>			
				Į.	urs Cas				F
				1	urs Cen				
				4	urs Stai				1
		TT			urs Tra		2		
		· · · · · · · · · · · · · · · · · · ·			urs Oth				
					tal Hou		45/	1, -	
			• •			· · ·			
				M	TERIAL	S USED			
					Size	Туре	<del></del>	Serial No.	Name
				]   B					
				I	<u> </u>		<u> </u>		
	·			$ \hat{s} $				-	
		<del>-                                    </del>		1					
	Size	Туре	Footage		Descr	iption	No. Sack	s Size	Sacks
c				r	1-50	# 5a	ch -S	inger	Ben
A S			* 4.7.	$ \begin{vmatrix} \mathbf{o} \\ \mathbf{s} \end{vmatrix}$					<del></del>
I				T					
N G			*	M T					
				<u>t</u>					
PEM	ARKS				1				
LUIUIVI	ALUKS								
						, 1		10	
	$\wedge$		* *	(	onoco	- W	aterno	de Proj	ect
	, ,	// 1						,	

War Read Mart

Box 666 Carlin. Nevada 89822

Date	Ma	12-7	5	Shi	ift_	ay			
-	No	1			cation	Un	ina	ton	
	, _	UH-H	3		_		ift_24	-	
	•	1000	•				hift 20		
		No34 Gall	ons		otage I		,		
		RMATION LO	G		urs Dri		_	•	
From	То	Form	ation		urs Eq				
					urs Cas	-			
					urs Cen		2		
<del></del>					urs Sta	_			
					urs Tra		1/2		
					urs Oth				- Air.
				Tot	al Hou	$rs \overline{9}$	12		
	<del>-  </del>								
				MA	TERIAL	S USE	D		
				-	Size	Type	Footage	Serial No.	Name
				В	43/4	1/3	120'	75753	Vasil
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		T	1-50	16-	ab 50	ne G	n
				s	7		- CXXXX	6 - 5	<i>x</i> -c
-						-			
	Size	Туре	Footage		Descr	iption	No. Sack	Siz	e Sacks
c	· · · · · · · · · · · · · · · · · · ·			$ \begin{vmatrix} \mathbf{L} \\ \mathbf{O} \end{vmatrix}$					
A S				s					
I -				T					
G				- M T				_	
				L			a i		
REMA	RKS /		10						
		Went	u ca	مصر	na	2/10	in B	1/2	
					//		0 100		
					. 0			for Shirt	TV PV

Box 666 Carlin, Nevada 89822

Dat	e Ma	13-70	5	Sh	ift_ <i>L</i>	ay				
Dri	ll No	Z36			cation_		ing	7		~
		WH-7	¥3		otage Z				£	~ ~
Wa	ter Used				otage S			-		
Wa	ter Truck 1	No. 3 Gallo	ns		otage D		_ '			
	FOR	MATION LO	ž		urs Dril	_		<u>.</u>	<del></del>	
Fr	om To	Forms	ıtion		urs Equ					-
					urs Casi	-				
					urs Cem					
					urs Star	_				
			· · · · · · · · · · · · · · · · · · ·		urs Trav	_	1	-	:	
					urs Oth					
				Tot	al Hour	s/2	/			
										. •
				MA	TERIAL	S USED				
					Size	Туре	Footage	Serial	No.	Name
				В						
				T				1		***************************************
	·			s						
	•									*
-	Size	Туре	Footage		Descri		No. Sack	.8	Size	Sacks
CA	· · · · · · · · · · · · · · · · · · ·			$ \frac{\mathbf{L}}{\mathbf{O}}$	1-50	7-57	zek ?	ref	24	Ben
S				S	7- 36	iere	Clery	ZY.	<u> 1</u>	
N		-		I.T						
G				M T						<del></del>
-				L						
RE	MARKS		ν							

Box 666 Carlin, Nevada 89822

Date ∠	Mar	4-75		Sh	ift De	ry.		1	
Drill I	No. #	36			cation	Ole	w	ton	
Hole N	VO. PC	UH-#	3		otage E		- /-		
Water	Used_	500			otage S			· · · · · · · · · · · · · · · · · · ·	The end
Water	Truck	No. 34 Gallo	ns		otage D		1.		
		MATION LOC	ż		urs Dril				
From	To	Forms	tion		urs Equ			Terra de la	
		**************************************			urs Casi				
					urs Cem				
					urs Star				
	<del> </del>				urs Trav	- 4	1/2		
					urs Oth		<u> </u>		
					tal Hour	1/	1/7	·	
					tai iioui	S_/ &			
				TW.	TERIAL	e riems	·		
				WAL	Size	Type	Waste as	Serial No.	
	·			В	1/3/4	1/2	180	75 75 D	Vare
·				I					1. 1.5.
				T					
	4			•					
	Size	Туре	Footage		Descri	ntion	No. Sack	S/-	Sacks
$\mathbf{c}$				L	1-2-5	ach.	Qui	-7	Z.
A				$\exists \mathbf{s}$			`		
S				Ť					
N				M					
G				$ \frac{\mathbf{T}}{\mathbf{L}}$					
				一 "					
REMAI	RKS					:			

Helper Gal Man Helper\_

Box 666 Carlin, Nevada 89822

Date_	ma	2-6-	75	Sh	ift fel	ay			
Drill 1	No. The	36			cation	<i>T H</i>	into	Z.S.	
Hole 1	No. RU	1)H-7	43		otage E	7			7
Water	Used	600			otage S			7	
Water	Truck N	o. 3 L Gallo	ns		otage D		フっ		ノフ
	FORM	IATION LOC	<del>}</del>		urs Dril	\	V		
From	To	Forms	tion		urs Equ	\	),		প
					urs Casi				
					urs Cem				
					urs Star				
				Ho	urs Trav	vel2/	1/2		
					urs Oth				
	<del>  </del>			Tot	tal Hour	·s <u>9/</u>	2		
	· · · · · · · · · · · · · · · · ·						÷		
<del></del>		· · · · · · · · · · · · · · · · · · ·		MA	TERIAL	s used			
					Size	Туре	Footage	Serial No.	Name
				B					
				T					
				s					· · · · · · · · · · · · · · · · · · ·
·									
	Size	Туре	Footage	$\dashv_{\mathbf{L}}$	Descri		No. Sack	s Size	e Sacks
C A				<b>O</b>	1-24	Sack	Cons	Ker 13	en_
s –				$\frac{1}{\mathbf{T}}$					
N				M					***************************************
G				T					
REMAI	00	sing (	ircu	la	tion	ba	d-	Rou	ah
as	nd b	robes	1 - m	~ <del>/</del>	1	Lin			1
ا رم	1		0 +	راسر		- va	ref ,	no	
		/	le toi			n			
Helner	· (as	I'm	m_	77-1					
-reibe		~ // (0	<b>—</b>	uel	per	· · · · · · · · · · · · · · · · · · ·			

Box 666

			Carin, N	evada 89	822 				
Dat	te Mar	6-75		Shift	ila	uf			
Dri	ll No. #	36		Loca	tion_	Jere	n <i>ej lo</i>	,_ >-,	
Hol	le No. PC	UH-#	3	Foot	age E	nd Shift		Γ	
	ter Used	1000				tart Shi	P	r	
	ter Truck I	No. 34 Gallon	18			rilled			
	*****	MATION LOG	ł			led 8	11		
Fr	om To	Forms	tion			ip. Rep			
					s Cas				
						enting_			111 (14)
					s Stai				
						vel $\frac{2}{\sqrt{2}}$	75_		1 july 25 3
***						er_		* . · · · · · · · · · · · · · · · · · ·	
					l Hou				
<del></del>				2000					
			, A	MAT	ERTAT	S USED			
					Size	Type	Footage	Serial No.	Name
•				В					1. 15 (4. 1)
				T					. 432-015
				ŝ					1.1.4.4.1.
	Size	Type	Footage		Descr	iption	No. Sack	8 Size	a Sacks
c				_ L _	1-Sa	h m	Za N	les,	
Ā					-2+	+ Sach	s, Ol	un J	sol
S				$\exists \mathbf{r} \neq$	<u> حک ب</u>	I SEC	ks 2	user.	Ben
N				حا ير ا		0 10	1		<u> </u>
G				- M T	Ja	ena	TAIX	<b>'</b> —	
				î					
						are more			
RE	marks ()	isel y	for Th	nej	ing	Ou	ih i	Irol	1

Helper All // (M) Help

Date	m.	, 7, 7	Carlin, Ne	Shi	1//	eg .			
	10. 11	26			ation_	1100	ine	7	
	Io. Pa	1 ++	3	20	77		t // /	/_	News
Water		1000			THE STATE		ift 4/C	(2) 10 (2) 10 (2)	
1.1	Truck N	Gallor	18	100	tage D	18 8 9 8	1.0		
	<del></del>	ATION LOG		A 199	ırs Dril	- 1996			
From	To	Forma			ırs Equ			A Jak	14.270
					ar Jara Ta	N <sub>B</sub>	1. Just	1 Je 1	4
				** *	ırs Cem	17	Nav		
(1 <del></del>				1	urs Star	14.	110	reading	
-					urs Tray	فيعلمان الأجمعوا المحا	1/8		
		i direji ina ispetana Basari Madalaha	7. 3. A.		urs Oth	Co. Car			
				Tot	al Hour	's 12	7.		
				3. <u> </u>		1.7.7.		Braffie	
				MA	TERIAL	s used			
					Size	ζ. «Туре(΄	Footage	Serial No	Name
				B			a , grásia Hassága		14, 116
	100			$ \hat{\mathbf{r}} $				- 44	
				S		3.4			
						A STAIR			
	Size	Туре	Footage		Descr	iption	No. Sacl		e Sacks
c			inga er i viloning i samuring i s Samuring i samuring i s	$\dashv \mathbf{L}_{\mathbf{o}}$	,	1000 Sa		decises	3000
S				s				18	Assay V
I N	<u> </u>			M	6 Pa	7 /Q.	100		
G			liga e		77				
				$\dashv$ $\mathbf{r}$					
REMA	rks (	iesel	for i	ni	yen	g 0	eik	Tro	l

P. O. Box 666

Carlin, Nevada 89822 Date May //) - 7 Shift Ala Drill No. # 36 Location Hole No. RWH - #3 Footage-End Shift Water Used O Footage Start Shift Water Truck No. 34 Footage Drilled FORMATION LOG Hours Drilled 3 From Formation Hours Equip. Rep. Hours Casing Hours Cementing Hours Standby\_\_\_\_ Hours Travel Hours Other Total Hours 3 MATERIALS USED Size Туре Footage Serial No. В I T Size Туре Footage Description Sacks Size Sacks L C 0 A S T N M T MARKS Couldn't get to sig with Water Truck Then how drill for 3 hrs. hrs. travel, not drilling

	1.4	111-7	<u>5776600</u>	Shif	t Way	(sec. Aud.) all (sec. Aud.)	
	10. <u>//</u>			Loc	ation les	ungton	
	1	WH- #	<u> </u>	Foo <sup>1</sup>	tage End Sh	ift 440	<u> </u>
	Used	Gallon		Foo	tage Start S	skift 440	
Water	Truck I	No. <u>34</u>			tage Drilled		<b>)</b>
·		MATION LOG		40	rs Drilled		00. 10. 11. 11.
From	To	Format	ion		ırs Equip. R	ep	
				1.5%	rs Casing		
					rs Cementing		
				43	rs Standby_	· in the second	
	N.X.A.			35.27	rs Travel	4	
				36	rs Other		Marigan and and
				TOLO	al Hours 3	officional parties	<u> 1907-1909</u> 1907-1908
				T <sub>MT A</sub> T	PERIALS USE		er (1 til er en en en er Halle e begler flare
					Size Type		al No Nam
	142.25			В			
				T			166.63   17574 187.63   186.75
			William We	s			
	11 x 1 41		nation politi				
	Size	Туре	Footage	$\Box$ ,	Description	No. Sacks	Size Sacks
C				$ \begin{vmatrix} \mathbf{L} \\ \mathbf{o} \end{vmatrix}$ -			
s				$\frac{\mathbf{s}}{\mathbf{r}}$			
N				M			
				T			
G						The state of the s	

Hadi.				Box 666					
ن ث	7/1		Carlin, Ne		Wa	.h			44.9
Date	, , ,	Carrier Carrier	<b>15</b>	With the control of			7-7-		
Drill N		WH- +	<i>†</i> 7	A.		flac	Lat Ja St.	$\mathcal{O}$ —	
(fig.)				25 miles		d Shift	ite 44h	<u> </u>	an in the second
dana i		No. 3 4 Gallon	n <b>8</b>			illed		11	
vale		MATION LOG			s Drill		7	1300	
From	To	Forma	tion		医乳头 经统法帐户		. 4/ &		
		3. A							
				Hour	s Cem	enting <sub>=</sub>	Jes. Jes. J.		
	2.00			Hour	s Stan	dby	100	24.	
				Hour	rs Trav	el			
			Dan Hari	1	s Othe	1,00	1		
) 	1, 25			Tota	l Hour	s		All History	() (v (1)
			7	·					
			(	MAT	<del></del>	USED			
-				B	Size	Туре	Footage Se	erial No.	Name
			=	1	······································	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1,116.54
				S	23				
				1 /	7				
	Size	Туре	Footage	11	Descri	otion	No. Sacks	Size	Sacks
c —		n sinsing bis		L   C					
s	· // // // // // // // // // // // // //		the transfer of the second	_  s  -	i, Ni Mj. Trikings	J + 0 5	e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la co	N. V	
I N				T	7 E.				
G				MT					
		3 10 10	a o	<b>- _L</b>  -	. 1	دون دون	* * * * * * * * * * * * * * * * * * * *	7,01-4	18.
REMAI	rks 🎾	outeen	1.46	100 1	20 6	and realists	T Love	سام کام	
1 -44	wife.	· Vent	Hale	しょ かんこうじょ	bre	1. The Control of the	01	a 7	EL.
1710	rome	9 da	m g	n.	se	cone	100	eal	100
Con	uld-	nitoget	on W	rell	SI	ر عدا	المساحد	un.	48
	mi	Ser Se	man						
Helper		- Construction -		Help	er				
Driller		weed fla	المتيا الم	App	roved				

P. O. Box 666

Carlin, Nevada 89822 Shift Was Drill No. 7 Location Menna Footage End Shift Hole No. Footage Start Shift Water Used Water Truck No.\_\_ Footage Drilled S Hours Drilled FORMATION LOG From To Formation Hours Equip. Rep.\_\_\_ Hours Casing\_\_\_\_ Hours Cementing Hours Standby\_\_\_\_ Hours Travel Hours Other Total Hours /0/ MATERIALS USED Size . Type Footage Serial No. Name В 1  $\mathbf{T}$ S Size Type Footage Description No. Sacks Size Sacks  $\mathbf{L}$ C 0 A S S T I N M G T L REMARKS

Helper

Driller Approved

P. O. Box 666

F. U. DUX 606

Carlin, Nevada 89822 10114-75 Shift Drill No. # 36 Location ( energion Hole No. TWH-# Footage Énd Shift Water Used\_\_\_\_ Footage Start Shift SS Water Truck No.\_\_\_\_ Footage Drilled 🗢 FORMATION LOG Hours Drilled From To Formation Hours Equip. Rep.\_\_\_\_ Hours Casing\_ Hours Cementing and the second of the second Hours Standby Hours Travel Hours Other a the Control of the Control Total Hours MATERIALS USED Size Туре Footage Serial No. B 1 T S Size Footage Description No. Sacks L C 0 S T N M T L nowed 18 inches-Couldn't

Approved

P. O. Box 666 Carlin, Nevada 89822 Shift Che Location General Drill No. = Hole No. KWH -# Footage End Shift / 4 Footage Start Shift Water Used\_\_\_\_ Footage Drilled 60 Water Truck No. FORMATION LOG Hours Drilled From To Formation Hours Equip. Rep. Hours Casing\_\_\_\_ Hours Cementing\_\_\_\_ Hours Standby Hours Travel Hours Other\_ Total Hours of MATERIALS USED Size Type Footage Serial No. В I T S Size Туре Footage Description No. Sacks Size Sacks L C 0 A S S T Æ N M T REMARKS Starter went out on Rig

P. O. Box 666

Date 4	מרצו	n 16-	7<	Shi	es 1 0/	ا مرسط			9 (1) 340 (1)
100	Vo. =/=/					Ton	1.00/	רבים מבים	
di	7	wH-	# 4	2 m	77		t 3:		\$14.000
9	7 4	2009		A Street		4.5 7 1 25	nift /4	1	1 1 18
		No. Gaile	ons	7.8	1.0	1.148	April 1. Sept. 1. Sep	ه د	
		MATION LO	Gr Selection	7.0	ırs Dril		~		
From	To	Form	ation	10,75			2 10 4 7 . 15.	3 N. J. 3 S.	
				10.7 (1)		2	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		the second of the second
								1 1 2 5 7 1 1 1 1	N. Saltal
				4 Bu				25 (200)	11.44
							1/2_		
				76.5	rs Oth				
				Tota	al Hour	s//	1/2		i in
-					, real of		<b>建</b>		41.41
				MA	rerial:	SUSED	A Lawy	1/4	
************					Size	Туре	Footage	Serial No.	Name
				B					AN CASE
<u> </u>				T					
	\$ 7 2.	的数据的。 第		S				1 20 F 1 2 1 V	
									7.44 1960 7.44 1960
-	Size	Туре	Footage		Descri		No Sack	s Siz	e Sacks
C A				⊢¦¦	-500	<u>~ &gt;c.</u>	a-62, -t-	eres en	Sen
s				$\exists \mathbf{s}$					30.9
N				- M					
G	4.5		AARAYA K	T					
				$\dashv \mathbf{r}$	·				
REMAR	eks Z	augh-	Rage	ear	A.	I.	do	2000	
الراسي	es d	· the	un Ro						
		- Column (	المعاصل المعالي المعالي		sul	どのか	ai	$\sim$	
						in in the			
								i i i i i i i i i i i i i i i i i i i	

Helper (a)

P. O. Box 666 Carlin, Nevada 89822 Shift Drill No. 7#36 Location German Hole No. Footage End Shift 2770 Water Used Footage Start Shift 325 Water Truck No. 34 Footage Drilled 50 FORMATION LOG Hours Drilled 10 From To Formation Hours Equip. Rep. Hours Casing\_\_\_\_ Hours Cementing Hours Standby\_\_\_\_ Hours Travel 2/2 Hours Other Total Hours MATERIALS USED Size Туре Footage Serial No. B 1  $\mathbf{T}$ Size Type Footage Description No. Sacks Size Sacks 2-50 1/2 See Ala Soup C 0 A S S T 1 N M T L

Helper

Approved

			Eklund ] P. 0 Carlin, N	. Box 66	6 89822	1		**	
ے Date_	Ma	118.7	75	Shi	ft_ <u>//</u>	ay	•	11.0	
1	To.			7 77 7			ang	Tim	7.7
	10.R		754		7	7	t_///		
Water	Used	1000	graf	A. C. C.	12		nift 3		(a)
Water	Truck	No. 34/Gall	onsi	1.00			25		
		MATION LO	G. China and Alle					L V For a	1950
From	To	Form	nation			ip. Re	34 2 11 3		ar na mag
					1 th			· · · · · · · · · · · · · · · · · · ·	1.010.1948.0
	1				,			- 1 Cm. 64 (24s)	Control Service
	1 × 3 6			100		ndby	N. 1	113	
				V.		vel_	6012		1. 1.26
				1.0		er Fa		26,00	21/2
				1.5		rs /	-	1	1.50
·				1					3 - 5 - 5 - 5 - 5
				MA'	TERIAL	S USED			4.400
1					Size	Туре	Footage	Serial No.	Name
				B					#14 (A)
· <u> </u>				T				- 100000 av	and the
1				S			Tagent earling	18. <b>Weig</b> 17. 18	98 Court
	الأقي والمدار أأمار								
	Size	Туре	Footage		Descri	-	No. Sack		e Sacks
O				$ \begin{vmatrix} \mathbf{L} \\ \mathbf{o} \end{vmatrix}$	<u> </u>		4 100	TAME.	Ban
ŝ				_ s≏	1 5	7900	reed ?	202 000	The same
N —				T					ja Kristo
G				T T		100		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	3 14 15 15 15 15 15 15 15 15 15 15 15 15 15			-  L					
REMAR	KS Z	4-7-3	5-10 Lane	and we want	100	Jan Harris		1	
	1			<b>/</b>		رسامت	Term	- while	1-Ce
	nak	ast 3.	in 2/	2.	m	ـ به	de	els.	; <del>/</del> -\
, f	207	" CTA				1		1.42	
	7 n	-				Mary Carlo		4	
Helper	CAN	JUM	ans	Help	er	a sala			
<u></u>	A Park		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				eren 4. 4 1.0 1.7 12.		na artiki

rill N	10.II	36			t. <u>Le</u>		<u></u>	lon	et of the
lole N	ro. K	WH	# 4	200	7	7	ft_A	4	
	Used						hift 4		X.
Vater	Truck 1	Vo. 34 Gallone		100,00	**		<u>o</u> :		
		MATION LOG		Hou	rs Dril	led			Cay's
From	То	Formati	ion	Hou	rs Equ	ip. Re	<b>∍p.</b>		
				Hou	rs Casi	ing			
				Hou	rs Cem	enting			
i,				Hou	rs Star	ndby			
					rs Trav				
				Hou	rs Oth	er Fa	shin	<u>5 - 0.</u>	Mul
<del></del>	e i			Tota	al Hour	`s	1		रे की में क
المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة الم			Marie V						
				MAT	ERIAL	S USE	D		
				В	Size	Туре	Footage	Serial No.	Nam
-				, I					
				TS	Andrews Notes and the				Mary 18.
<u> </u>	Size	Туре	Footage		Descri	intion	No. Sack	e Ci-	e Sacks
				$\exists \mathbf{r}$	2000.	puon.	210. 586.	a Biz	F ISBCAS
<b>\</b>	-			$-\begin{vmatrix} 0 \\ \mathbf{s} \end{vmatrix}$					
S			Salar Selection	T					erana ma Anti-terfa
N			en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de Canada de la companya	M					
		7 (max)		L		:			
EMA	PVC		N. K. Miller						) 16. A
<i>j</i>		lent to	1 Ca	rse	771 -	1-2	7 /	eader	ميريدان
-/-		- lea	Lo de	PA	iol	Mo.	la co	1]	6
· / / R	Want Jos	/ -	ar well of	11 -	Co. A. ASTINE	( June	-C	Harmed Mine	- T

4 4	To. 7	36	<u> </u>	17.53		7	renglo	
- A	io. <u>/</u>	e in the second of the	<del>- 4</del>		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 1 13 1	ift	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Used	Gallon	ns .	4/3/19		4	Shift <u>#00</u>	<b>∑</b> ok i zoroza
Vater	Truck N	۷٥		· Control of	and the second of the second	4,7	و کراند	747-218
<u>. 15. juli 11.</u> 11. juli 11. juli 1		MATION LOG	BERTHE V. T. T.	<b>™</b> 3,90	ırs Dril			AN CAPENS
From	To	Format	tion	4,500	t.		.ep	5. 图象如此是《数本语》的第三人称单位。
	9.38			1000	15 x f			8 1 2 2 4 2
			AND AND	<b>→</b> 1 (\$ €	40.00		g	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
					1 1			A Company
				Hou	ırs Tra	vel	2/2-	10 10 Med
<del></del>				Hou	ırs Oth	er	- getti	ng mu
	2.0		Arabadi Sala.	Tot	al Hour	rs_9	1/2m	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
								A. Managar
				MA'	TERIAL	s use	<b>D</b>	
	1 100	1.41			Size	Type	Footage Ser	rial No Name
				]   B	3			73.4 34%
	1 2	at a the Sale of the		]   T				
				s				
					* -			31 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
	Size	Туре	Footage			iption	No. Sacks	Size Sacks
, —			[34.0 + a.15]	L			gereno (	The second of
	1 12			$-  \mathbf{s} $	7-22	± .S01	chelle	- m.m.
			No Carlotter .	T		<u> </u>		
₹	The state of the s		addyddinaeth Tarachddinaeth	M_T				
			<del> </del>		100			3/05/2019
*		1 1, 5x 1000 1000 1000 1		L		1,000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* Les examinations and make make

#### Eklund Drilling Co. P. O. Box 666

2	ma	121-7	Carnin, Neva	Shift <u>/</u>	Ones				
_	10. 7#	25 Sept. 10		75	- St				
		WH-#	//	Allega and the		my le	<u> </u>		
		and the second s	11.11 日本 東西			ift			
		/600 Gallons				hift			
Water		No. 3 42	and the same of th	Footage	. / -	2000	· · · · · · · · · · · · · · · · · · ·		
	FOR	MATION LOG	1300	Hours D			Jan day		
From	To	Formatio	<u>n</u>	Hours E	quip. R	ep			
<u> </u>				Hours Ca	asing				
				Høurs Ce	menting	<b>y</b>	100		
				Hours St	andby_		19.00 May 19.00 M		
		1		Hours Travel 3-1/2					
				Hours O	ther		49.1960		
		- (//		Total Ho	urs /	01/2			
	in Nuin	$\omega_{\downarrow}$							
		-		MATERIA	LS USE	D			
			15	Size	Туре	Footage Serie	al No. Name		
177.		1 /4/	24.11	В					
		X		T		11 129			
		11 100		ŝ					
		1							
	Size	Type	Footage	De	scription	No. Sacks	Size Sacks		
c		4/201			5026 5	rech On	red dot		
A		3/ /		o /-	$2 + \Sigma$	eeke CQ	with The		
S	$$ $\eta$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		T -					
N		The Application		м		1100			
G			aregoriale or All Green or All Coll	T L					
REMA	RK\$	has	Vine 16	٠ مد الإيلام	10 1	7- Cc	- me		
18.	, 6	2 1 7		17			$\mathbf{Z}^{*}$		
u		This cold hale	0 - 12-cm	1 CUC	as C	vous	red -		
Po	yllo	d Ren	0- T	$P_{ij}$ —	hal	2-41			
	. ~			adaga Silaban Silab					
Helpe	r(a	il ma	200	Helper					

					Box 666						
	4	~~~		Carlin, N							
fo,		110	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> 73 -</u>	_ Shift Nay						
		0. 7	0 H - F	£ []	_ Location <u>European</u> _ Footage End Shift <u>(//5</u>						
				7. ( <b>) 7</b> ( ) ( )		(I)	1 1 mm				
18		Used	Gallo	ns .	4.4	tage Start					
<u> wa</u>	ter	Truck	MATION LOC	<u>.</u>	1	tage Drilled rs Drilled					
	om	To	Later to the second second	ution	38 W 20 1	rs Equip.	7				
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)					144 Sept. 1	rs Casing					
						rs Cement					
						rs Standby					
) 				7	1	rs Travel					
			<u> </u>	/b	/	4.3	2 hrs 1	reuhda			
· —		<del></del>	W.S	<u> </u>		al Hours_6	1 1	74			
		1/1	CM.		***						
}				14.X	MAT	TERIALS U	SED				
	٠.				X	Size T	ype Footage Ser	rial No. Name			
				· W	B						
			$\bigvee$	/ /	T						
			10								
	**										
		Size	(1200)	Footage	$-$   $_{\mathtt{L}}$	Description	No. Sacks	Size Sacks			
C A					0	. /					
S					$ \frac{\mathbf{s}}{\mathbf{r}}$	1					
N		·			M	<del>,                                    </del>					
G					Ţ[						
RE	MAE	KS	hab	brear	2 con	dor.	un an	al ·			
	-6	مهر ورد	11:1-1	1 4	/ ەرسىد بەر	a tom	11				
10	~\	100	May a	o pro		7000	in an Charg	veave			
		$\sim$									
		10	0(-								
He	lper	<u>( (1)</u>	y rn	an	Help	per					
Dri	iller	X Jen	a ma	1 True	App	roved					

		124-	/		Way	The state of the s	Service Constitution		
	Vo			Loca	ation/erin	Ton 6	ala.		
Hole N	10			Foot	age End Sh	ift			
Water	Used	Gallor		Foot	age Start S	hift			
Water	Truck I	Vo	**		age Drilled_				
·	FOR	MATION LOG	<b>F</b> 1, 1, 14, 2, 1, 1	Hou	rs Drilled		Markhin T		
From	To	Forma	tion	Hou	rs Equip. Re	<b>∌p</b>			
				Hou	rs Casing				
14 1	i e			Hou	rs Cementing	<b>S</b> ERVICE SERVICES			
٠.				Hou	rs Standby_				
				Hou	rs Travel $\underline{\mathscr{S}}$	Char	reable		
				Hours Travel S. Chargeable Hours Other 3 - no che.					
					l Hours <u>//</u>				
	, A.1.								
			espian signig	MAT	ERIALS USE	<b>D</b>			
	1 20 1				Size Type	Footage Seri	al No Name		
				B			en en i ekisimen e Wij da en led		
				T					
	, ,			s			Richard Barry 1 for the Company		
							edy Sales		
		Туре	Footage	_	Description	No. Sacks	Size Sacks		
	Size		*	L					
-	Size								
A	Size								
_	Size			$-\frac{0}{s}$					
	Size			$-\frac{0}{s}$					