GEOLOGICAL AND GEOCHEMICAL

REPORT ON THE

VIEW CLAIMS

Owned and Operated by
Utah Mines Ltd.

Cariboo Mining Division
Latitude 52°26'N Longitude 121°05'W
N.T.S. 93 A/6

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Utah Mines Ltd.

September, 1984
Vancouver, B.C.

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(in map pocket)

INTRODUCTION

This report presents the results of geological and geochemical work carried out on the View claims during the fall of 1983 and the summer of 1984. The property, located in the Cariboo-Quesnel Gold Belt, consists of 248 units. It was staked in the fall of 1983 on the basis of an aeromagnetic high and associated volcanics with interbedded sediments cut by intrusive bodies. This situation is analogous to the QR (Quesnel River) deposit. The primary target is a semi-conformable, stratabound gold target with a bulk tonnage potential.

LOCATION

The View Mineral Claims are located 25 kilometers northeast of the town of Horsefly, B.C. at the headwaters of Viewland Creek (Figure 1). The claims have a central co-ordinate location of 52°26'N and 121°05'W on the N.T.S. sheet 93 A/6.

ACCESS

Access to the claim group is via a good gravel Forestry Access Road northeastwards from Horsefly to Horsefly Landing and Quesnel Lake. A logging road at the 24 kilometer post provides access to the centre of the claim. The western boundary is about 900m along this road. Another logging road, between the 31 and 32 kilometer posts, cuts across the north-west corner of the property south of Hen Ingram Lake (Plate 1).

PHYSIOGRAPHY

The property is situated within the Fraser Plateau on the boundary at the Quesnel Highlands to the east. Elevations range from 2580' at Horsefly Lake to a 4050' hill in the southeast corner of the property. The north shore of Horsefly Lake, in the southern extreme of the claims, consists of cliffs with an average relief of about 1200'. The southern claim area is hilly but the land slopes moderately to a broad east-west trending valley in the centre of the property drained by Viewland Creek and an un-named stream. To the north the terrain is relatively flat. There are several small lakes. The northeastern portion is poorly drained resulting in swampy areas, particularly surrounding the lakes.

The area is forested with cedar and fir but it is being intermittently logged.

LOCATION MAP

VIEW MINERAL CLAIMS

NTS: 93A/6

Fig. #1

Glacial drifts, although widespread, do not appear to be deep over most of the area since road building has uncovered small patches of bedrock even where the terrain is relatively flat. However, gullies expose some thick glacial deposits, probably occupying preglacial valleys. Hills have a thinner cover of glacial material, however, its distribution is such as to obscure all but small scattered areas of bedrock. Overall outcrop abundance is in the order of 1%. Glacial striae observed north of Hen Ingram Lake indicate that glacial movement in the View area was east-west.

HISTORY

R.B. Campbell of the G.S.C. prepared a geological map of the Quesnel Lake map area (93 A) from mapping done between 1959 and 1969. In 1967 an airborne magnetic survey was published by the B.C. Department of Mines. In 1980 the G.S.C. and B.C. Department of Mines conducted a regional geochemical survey over map sheet 93 A.

Discovery of the Cariboo-Bell Cu-Au porphyry deposit in the early 1970's stimulated systematic exploration activity in the vicinity of intrusive bodies and magnetic anomalies for similar deposits. In 1981 a new staking rush was sparked by the discovery of the QR gold deposit, coupled with release of regional geochemical data. Stratabound Au mineralization have also been discovered at Frasergold (Eureka) and Jamboree (Salaken, Simpson, 1984).

CLAIM DATA

The View Claim Group is located in the Cariboo Mining Division. Staking was contracted to Durfield Geological Ltd. Particulars of the claim group are listed below:

CLAIM NAME	NO. OF UNITS	STAKING DATE	RECORDING DATE	EXPIRY DATE
View 1	20	Sept. 15/83	Oct. 11/83	Oct. 11/83
View 2	20	Sept. 19/83	Oct. 11/83	Oct. 11/83
View 3	20	Sept. 19/83	Oct. 11/83	Oct. 11/83
View 4	20	Sept. 18/83	Oct. 11/83	Oct. 11/83
View 5	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 6	20	Nov. 21/83	Dec. 6/83	Dec. 6/84
View 7	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 8	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 9	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 10	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 11	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 12	20	Nov. 22/83	Dec. 6/83	Dec. 6/84
View 13	8	Nov. 22/83	Dec. 6/83	Dec. 6/84

WORK PROGRAM

During November, 1983 a soil sampling program over View claims 1 - 4 was contracted to Durfeld Geological Management Ltd. in Williams Lake, B.C. A total of 372 samples were collected along 5 hip-chained and flagged lines. Analyses were done by Chemex Labs in North Vancouver.

During a ten day period in August, 1984 H. Muntanion, D. Reddy and R. Smith of Utah Mines carried out 1:10,000 scale geological mapping, extended the soil grid and did follow-up sampling around the best Au and As values obtained during 1983. Existing sample lines were extended to cover the southern claim boundary. A new line and two other partial lines were also put in to extend the grid east and west. A total of 333 soil and 20 rock chip samples were collected. Samples were analysed by ACME Labs in Vancouver. Accomodation was found in Horsefly Landing.

GEOLOGY

REGIONAL GEOLOGY

The prospect is located in the eastern portion of the Quesnel Trough of the Intermontane Belt, a linear structural-pertrologic province. The belt is bounded by the Pinchi fault with Paleozoic Cache Creek Group occurring to the west and on the east by older Paleozoic and Precambrian metamorphosed rocks which form the Cariboo Mountains. The trough is believed to be an island arc assemblage (Saleken, Simpson, 1984).

Rocks in the prospect area consist of a thick succession of early Mesozoic submarine alkalic volcanics, pillow basalts, agglomerate, augite porphyry breccias, discontinuous carbonate horizons. The basal unit is composed mainly of black argillites. Several thousand feet of Lower Jurassic subareal volcanics consisting of leucite-bearing basalt and related flow top breccias, conglomerate, sandstone, tuff, laharic breccias and limestone pebble conglomerate overlie this sequence.

Several synvolcanic stocks of diorite, syenodiorite and syenite occur within the volcanic sequence and represent eroded conduit zones from which much of the flows and breccias were erupted. Hydrothermal albite, potassic, propylitic and sulphide alteration is commonly associated with these vent areas.

Locations of the stocks may have been controlled by NW trending fault structures which tilted and displaced strata of the Quesnel Trough. A strong aeromagnetic high is associated with this trend. An aeromagnetic anomaly also occurs on the View Property (Fig. 1).

PROPERTY GEOLOGY

Geological data was plotted on a scale of 1:10,000 on Plate 1. Difficulties were experienced in geological interpretation due to the scarcity of exposures over parts of the claim.

The SW and central portions of the property are underlain by sediments interbedded with volcanic rocks (Plate 1). There is a large gap in the geological data between this area and the northeastern corner which is underlain by volcanic fragmentals and flows. Small intrusive dioritic and gabbroic bodies are widespread. The sediments are represented predominately by black argillites with interbedded siltstone, minor sandstone, calcareous horizons and intercalated cherty laminae. Pyroxene porphyry basalt flows, flow breccias, andesitic basalt porphyries and tuffs comprise the volcanic package. According to Campbell (1978) these are all Upper Triassic and Lower Jurassic Norian rocks. However, in the northeastern corner of the property there are two exposures, maroon and reddish coloured volcanics, which match Campbell's description of younger Norian to Simurian rocks.

The lithologies are described below:

Argillites, which possibly also include layers of dust tuff, appear to be the most common sediment on the property. This rock type is typically black with traces to about 3% finely disseminated pyrite. Bedding is manifested in most outcrops with thicknesses varying from a few centimeters to several metres. Cherty laminations are a common component of this lithology. Calcareous horizons and associated black carbonaceous limestones were noted in the southeastern and northern parts of claims 2 and 5, respectively. A mild degree of phyllitization is widespread. Criss-cross hairline veinlets of a black (carbonaceous?) material were commonly noted in the argillites.

Siltstone, generally dark grey in colour, is interlayered with argillite. Locally, on View 1 and 8 it is seen to grade downward, stratigraphically, to a greenish grey sandstone. At the crest of a hill on the View 1 and 9 boundary, what appears to be a pale green to cream calc-silicate hornfels outcrops adjacent to a pyroxene basalt porphyry which may be a dike. It is comprised by diopide porphyroblasts in a matrix of feldspar and carbonate.

Most volcanic exposures manifest a fragmental texture. Fragments are monolithic, mostly subrounded and several centimeters in diameter. They have the same composition as the matrix, generally consisting of about 10% euhedral pyroxene, 1 to 3mm in size, locally some hornblende, 1mm long plagioclase laths in an aphanitic matrix. In some cases the fragments have a somewhat coarser texture than the matrix. This unit is probably a flow breccia, although agglomerates may also exist. Massive porphyry flows of the same composition also occur. In many cases the volcanics are amygdaloidal, the amygdules consisting of calcite. The volcanics are relatively unaltered and only very weakly pyritized.

Small intrusive bodies, predominately dioritic in composition, with a fine to medium grained texture and widespread. Hornblende-porphyry textural varieties and gabbroic phases also exist. In a few cases, where contact relationships are not visible, it is difficult to differentiate between fine-grained basic intrusives and volcanic porphyries. The intrusives typically contain 2 to 4% disseminated pyrite, are locally bleached and may contain secondary carbonate in the matrix. One outcrop along a roadcut in View 4 exhibits some chlorite alteration. A trace of chalcopyrite was observed along the same road about 1 kilometer to the NW. In this area apparently small intrusive bodies are exposed in a number of outcrops. These may be individual dikes or a contact zone of a larger body possibly centred to the northeast in the vicinity of the 800m by 400m aeromagnetic high (4000 gammas) situated over a swampy area on View 3 and 4.

Narrow carbonate veining and fracture fills, generally varying from a millimeter to a few centimeters, are ubiquitous. Quartz stringers, veinlets and pods up to about 1 centimeter in width are relatively rare and have only been found in sediments.

Structural information within the claims is scarce. Bedding is east-west to NW-SE with mostly moderate to steep dips to the north. Shears and an increase in fracturing are commonly associated with intrusive contacts.

GEOCHEMISTRY

A total of 705 soil, 20 rock chip and 2 stream silt samples have been collected on the View claims. The 372 soils taken over View 1 to 4 claims were analysed for Au, As and Cu by Chemex. The remaining 333 soils taken over the surrounding claims and including the follow-up samples and the rock and silts were analysed for Au, Ag, As, Sb, Cu and Pb by ACME labs. The data is presented for Au, Ag, As and Cu on 1:10,000 scale maps (Plates 1 to 3).

SAMPLING PROCEDURE

Samples were collected at 50 metre intervals along lines spaced about 1000 metres apart. About 200 grams of sample material was taken with a mattock from the "B" horizon generally at a depth of 15 to 20 centimeters. Where not available, material from the "C" horizon was collected. The material was placed in water-resistant Kraft paper envelopes. In the lab the samples were dried and sieved to -80 mesh.

Rock chip sample lengths generally ranged from 2 to 10 metres and weighed 1.5 to 3 kilograms. In the lab the samples are crushed, dried and pulverized to -100 mesh. Sampling was emphasized where quartz veins were noted, along intrusive contacts, particularly where there is evidence of alteration and within cherty sedimentary horizons.

ANALYTICAL PROCEDURE

Au analyses were performed by atomic absorption techniques. At Chemex a 5 gm sample is ashed at 800°C for an hour, twice digested with aqua regia, taken up in 25% HCl, extracted into MIBK and analysed with a detection limit of 10 ppb. At ACME the procedure differs by using a 10 gm sample and Methyl Isobutylketone instead of HCl. The detection limit is 5 ppb.

At Chemex AA procedures were used to analyse for As and Cu to a detection limit of 1 ppm. For As a 1.0 gm sample is digested with a mixture of perchloric and nitric acid to fumes of perchloric acid. The solution is diluted, acidified and reduced with Kl, mixed with $NaBN_4$ and analysed by flameless AA. For Cu a 1.0 gm sample is digested with 70% $HClO_4$ and concentrated HNO_3 for 2 hours, diluted with H_2O and analysed with a Techtron AA 5 unit.

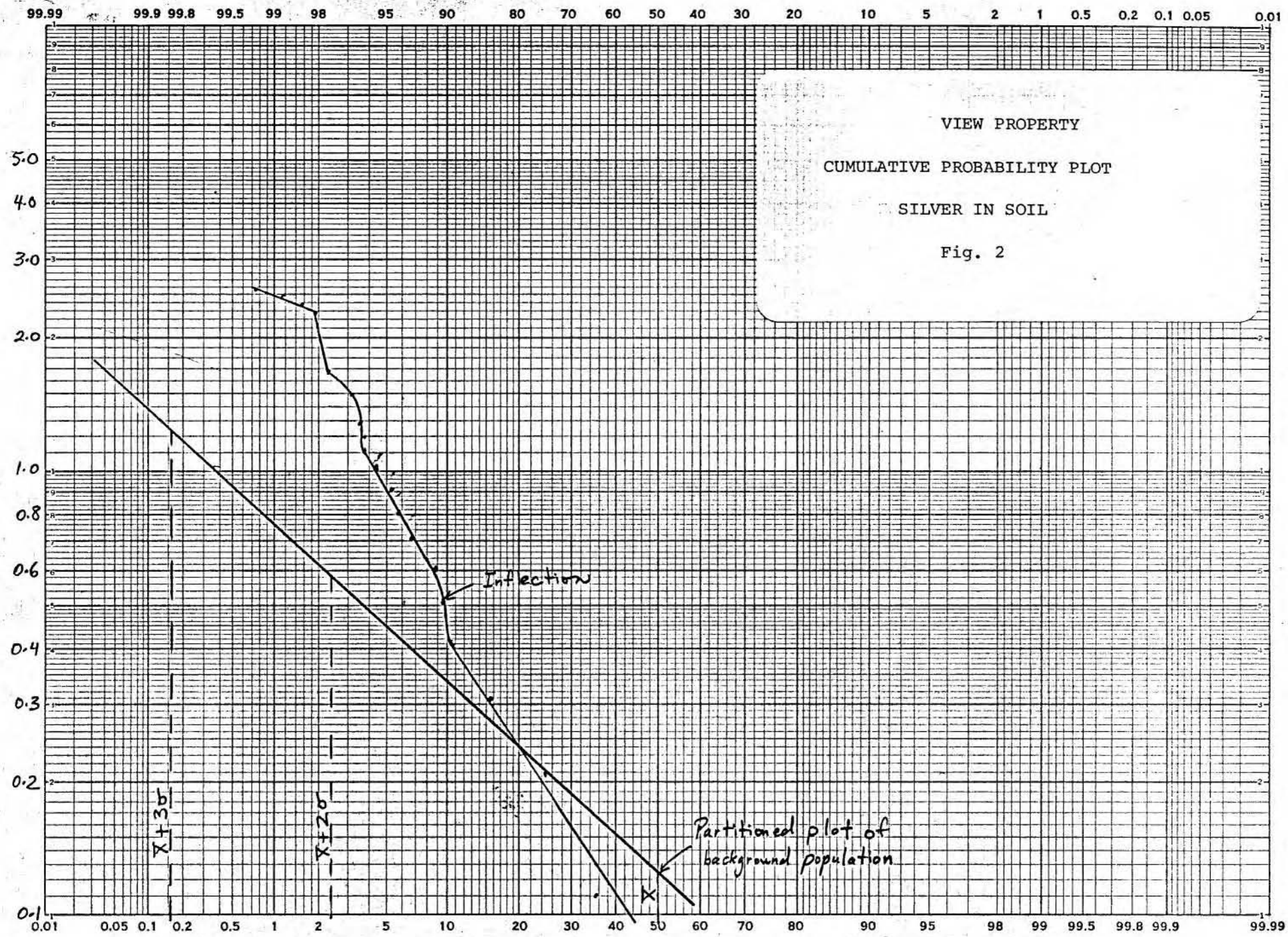
At ACME Ag, As, Sb, Cu and Pb were analysed by the Inductively Coupled Argon Plasma (ICP) method using a Jerrel-Ash unit. Detection limits are 0.1 ppm for Ag, 1 ppm for Cu, Pb and 2 ppm for As, Sb. A 0.5 gram sample was digested with 3 parts HCl, 1 part HNO_3 and 3 parts H_2O at 95°C for 1 hour and diluted to 10 ml with H_2O.

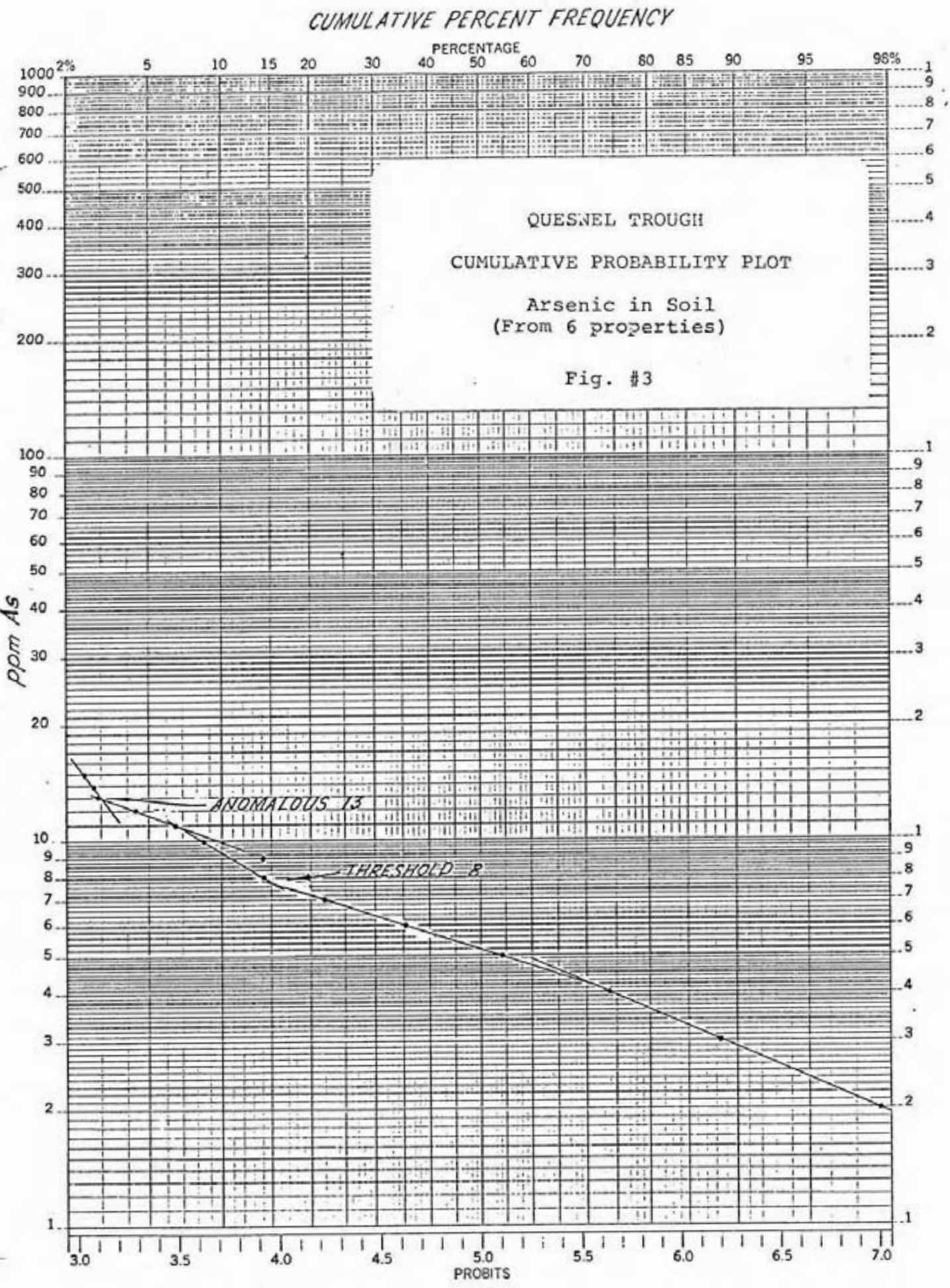
DATA TREATMENT

To determine anomalous levels for As, Ag and Cu, data were subjected to standard graphical means (Figs. 2 to 4). Follow-up results were not included. Plots show lognormal population distributions. The As plot is a composite of all 6 Utah properties in the Quesnel Trough. Pb and Sb results were not plotted or

GRAPHIC CONTROLS CANADA LTD.
MADE IN CANADA

Ag





GRAPHIC CONTROLS CANADA LTD.
MADE IN CANADA

Cu

99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01

500 ppm
400
300
200
100
80
50
30
20
10

VIEW PROPERTY

CUMULATIVE PROBABILITY PLOT

COPPER IN SOIL

Fig. #4

Partitioned plot of background population

Inflection

$\bar{X} + 3\sigma$

$\bar{X} + 2\sigma$

$\bar{X}$

0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 95 98 99 99.5 99.8

interpreted since the elements did not yield a significant geochemical response. Meaningful statistical analyses for Au were not possible since only about 2% of the results were above detection. Analytical results are appended.

The following statistical levels were determined:

	Ag	As	Cu
Mean ($\bar{X}$)		5	26
Anomalous ($\bar{X} + 2\sigma$)	0.6	13	105
Highly anomalous ($\bar{X} + 3\sigma$)	1.3		200

Since only 12 samples yielded Au values above detection (10 ppb) all of these must be considered anomalous. Peak values for Sb and Pb are only 11 and 18 ppm, respectively.

Shading is used to display the anomalous values on the map. Contouring is not practical because of the large spacing between the soil lines.

DISCUSSION OF RESULTS

Gold - Twelve Au anomalous results ($\geqslant$ 10 ppb) are scattered across the property (Plate 2). The highest value, 280 ppb is situated at V-1, 9 + 50S in View 1. The nearest outcrops, located about 100 metres to the west are argillites with interbedded siltstones which appear to be unmineralized. A chip sample of calc-silicate hornfels adjacent to pyroxene basalt porphyry flow or dike, located about 400 metres to the NW, returned 65 ppb Au. Ten follow-up samples were collected around the Au anomaly but only one weak As anomalous value was recorded.

Two contiguous values of 30 and 40 ppb are located on line V-4 on View 7. These are adjacent to As and Cu anomalies (Plates 3 and 4). This area has not been mapped but small exposures of carbonate-rich basalt occur nearby.

Two scattered highs are recorded in the NE corner of the claims. One of these is associated with 2.3 ppm Ag.

Silver - Analyses for this element are available only from 1984 results. The most striking anomaly occurs along a 750 metre length at the southern limit of line V-1 with two values in excess of 4 ppm. Three Cu values ranging from 132 to 317 ppm are coincident. Interlayered sediments in the vicinity were examined but chip sample results a few hundred metres to the east were negative.

Another interesting cluster of anomalous results occur on line V-6 on View 5. Here four contiguous values range from 0.8 to 2.4 ppm. These correspond to Cu values between 138 and 235 ppm. The area is mantled by glacial debris. The remaining Ag anomalies have somewhat lower values and are more isolated. A strong correlation is apparent between Ag and Cu soil results.

Arsenic - Seven strongly anomalous As results, in excess of 40 ppm with a high of 300 ppm, are grouped along a 300 metre length along lines V-5 and V-5.1 on View 4. Several anomalous Cu results, up to 331 ppm, are associated. This area is covered by glacial debris. A much weaker anomalous zone, underlain by sediments, occurs along the southern extent of line V-2 for a length of 400 metres. A 10 ppb Au value is also recorded here. Other As highs (up to 40 ppm) are scattered but do not reveal any association with Au.

Copper - Anomalous Cu values are widespread across the claims (Plate 4). The strongest Cu anomaly corresponds to the southern portion of the aeromagnetic anomaly on View 4. Here Cu soil results range up to 485 and 530 ppm, the highest on the property. Highs up to 370 and 375 ppm were also obtained about 1.5 kilometers to the NE for a length of 400 metres along line V-5. It has been suggested that the area in the vicinity of the magnetic anomaly is underlain by an intrusive body. A rock chip sample taken across a pyritized intrusive contact in the area yielded 338 ppm Cu. Small amounts of Cu and Au mineralization are known to occur immediately north and east of the property as fracture fillings and disseminations in volcanics adjacent to intrusive contacts.

CONCLUSIONS

The View property lies within the Quesnel Trough petrologic and structural province which hosts a few stratabound Au deposits and the Cariboo Bell Cu-Au porphyry deposit. The property is underlain by Upper Triassic and Lower Jurassic argillites and siltstones interbedded with andesitic to basaltic flows, flow breccias and tuffs. Narrow dioritic bodies are widespread. Based on a few exposures, magnetic and Cu soil highs the presence of a dioritic stock of unknown size is inferred near the centre of the property. The geology of the east-central portion and the northern fringe of the property is obscured by glacial cover.

The rocks are relatively unaltered except immediately adjacent to some intrusive contacts which manifest bleaching and pyritization. Narrow carbonate veining is widespread but quartz veining occurs only locally. Epidote, which is an alteration product associated with Au mineralization in the QR deposit, has not been found on the View in significant amounts.

Widely spaced geochemical lines (1000m apart) indicate the presence of Au, Ag-Cu, As-Cu, As and Cu anomalies. There appears to be a strong correspondence between Ag and Cu soil results.

RECOMMENDATIONS

To complete the initial phase of the geochemical soil program sampling is required at the outer fringes of the property (about 400 samples). Geological mapping should also be extended to cover View 2, 7, 9 and possibly 11.

Geochemical results have been sufficiently encouraging to warrant a second-stage of soil sampling, probably with spacings of 200m x 50m to outline the anomalies indicated by the initial sampling program. It is suggested that the ICP analyses initially be done only for alternate samples. A base line and cross lines should be cut over the more detailed grid.

The following recommendations are also made: additional geological mapping on the hill on the View 1 and 9 boundary where a rock sample returned 65 ppb Au; magnetic and VLF-EM surveys be conducted over the claim or at least over the main areas of interest and that geochemical data be computerized.

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British Columbia Department of Mines and Petroleum Resources, 1967, Aeromagnetic Series, Map 5239G.

Campbell, R.B. 1978, O.F. 574, Edition 2, Quesnel Lake Geology, 1:125,000.

Deleen, J. 1982, Unpublished Tenquille Resources Ltd. report on the Suey Claim Group.

G.S.C. and B.C. Department of Mines and Petroleum Resources, 1981, O.F. 776, National Geochemical Reconnaissance, 1:250,000 Map Series, Quesnel Lake, B.C.

Saleken, L.W. & Simpson, R.G., 1984, Cariboo-Quesnel Gold Belt: a geologic overview, Western Miner, April 1984.

APPENDIX 1

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

DATE RECEIVED: SEPT 5 1984

DATE REPORT MAILED: Sept. 11/84.

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-? SOIL P10-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye DEAN TOYE. CERTIFIED B.C. ASSAYER

UTAH MINES LTD PROJECT # VIEW FILE # 84-2502 PAGE 1

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-0 0+00S	14	2	.1	2	2	10
V-0 0+50S	21	3	.2	2	2	5
V-0 1+00S	32	2	.3	2	2	5
V-0 1+50S	82	11	.8	5	2	5
V-0 2+00S	22	6	.3	7	2	5
V-0 2+50S	33	6	.2	8	2	5
V-0 3+00S	32	9	.4	5	2	5
V-0 3+50S	26	8	.2	3	2	5
V-0 4+00S	15	8	.2	2	2	5
V-0 5+00S	38	3	.2	4	2	5
V-0 5+50S	18	5	.1	2	2	5
V-0 6+00S	54	6	.1	5	2	5
V-0 6+50S	68	8	.3	7	2	5
V-0 7+00S	39	5	.1	6	2	5
V-0 7+50S	46	5	.1	3	2	5
V-0 8+00S	28	6	.1	3	2	5
V-0 8+50S	17	5	.1	3	2	5
V-0 9+00S	26	6	.2	3	2	5
V-0 9+50S	22	9	.1	5	2	5
V-0 10+00S	24	7	.1	5	2	5
V-0 10+50S	33	8	.2	5	2	5
V-0 11+00S	24	6	.1	2	2	5
V-0 11+50S	13	4	.1	2	2	5
V-0 12+00S	23	4	.1	3	2	5
V-0 12+50S	50	3	.1	4	2	5
V-0 13+00S	43	5	.1	5	2	5
V-0 13+50S	76	6	.1	7	2	5
V-0 14+00S	223	6	1.5	9	2	5
V-0 14+50S	101	6	.5	5	2	5
V-0 15+00S	49	9	.1	5	2	5
V-0 15+50S	30	4	.1	6	2	5
V-0 16+00S	22	7	.1	5	2	5
V-0 16+50S	288	17	1.1	17	2	5
V-0 17+00S	50	8	.1	6	2	5
V-0 17+50S	11	3	.1	2	2	5
V-0 18+00S	27	6	.1	4	2	5
V-0 18+50S	124	8	.5	7	2	5
STD C/AU-0.5	58	40	7.2	40	16	480

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-0 19+00S	48	6	.2	7	2	5
V-0 19+50S	23	5	.1	3	2	5
V-0 20+00S	100	10	.8	7	3	5
V-0 20+50S	55	6	.1	8	2	5
V-0 21+00S	50	7	.1	6	3	5
V-0.9 8+00S	34	8	.1	7	2	5
V-0.9 8+50S	74	13	.1	7	2	5
V-0.9 9+00S	27	6	.1	5	2	5
V-0.9 9+50S	23	7	.1	5	2	5
V-0.9 10+00S	6	5	.1	4	2	5
V-1 9+25S	18	5	.1	6	2	5
V-1 9+75S	20	3	.1	6	2	5
V-1 20+50S	25	5	.1	4	2	5
V-1 21+00S	19	3	.1	5	2	5
V-1 21+50S	16	4	.1	5	2	5
V-1 22+00S	24	7	.1	6	2	5
V-1 22+50S	42	7	.1	3	2	5
V-1 23+00S	30	3	.1	5	2	5
V-1 23+50S	53	5	.1	2	2	5
V-1 24+00S	39	6	.1	4	2	5
V-1 24+50S	34	8	.1	3	2	5
V-1 25+00S	33	8	.1	7	2	5
V-1 25+50S	25	7	.1	5	2	5
V-1 26+00S	32	9	.2	5	2	5
V-1 26+50S	80	10	.1	5	2	5
V-1 27+00S	49	9	.9	8	2	5
V-1 27+50S	39	11	.2	8	2	5
V-1 28+00S	23	8	.3	7	2	5
V-1 28+50S	11	6	.1	5	2	5
V-1 29+00S	21	4	.1	5	2	5
V-1 29+50S	10	6	.1	4	2	5
V-1 30+00S	27	7	.1	5	3	5
V-1 30+50S	95	11	.6	7	2	5
V-1 31+00S	102	7	.9	2	2	5
V-1 31+50S	29	8	.5	6	2	5
V-1 32+00S	37	6	.7	5	2	5
V-1 32+50S	15	10	.5	6	2	5
STD C/AU 0.5	59	40	7.6	41	17	515

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-1 33+00S	83	17	4.4	10	2	5
V-1 33+50S	71	8	.8	11	2	5
V-1 34+00S	25	4	.1	8	2	5
V-1 34+50S	192	12	2.6	11	2	5
V-1 35+00S	45	4	.4	12	2	5
V-1 35+50S	86	7	.2	5	2	5
V-1 36+00S	20	5	.2	4	2	5
V-1 36+50S	43	7	.1	8	2	5
V-1 37+00S	317	6	4.3	2	2	5
V-1 37+50S	22	4	.4	6	2	5
V-1 38+00S	132	11	1.6	5	2	5
V-1 38+50S	64	7	.2	8	2	5
V-1 39+00S	21	7	.1	7	2	5
V-1 39+50S	45	8	.3	9	2	5
V-1 40+00S	36	6	.3	10	2	5
V-1.1 8+50S	37	4	.1	11	2	5
V-1.1 9+00S	50	9	.1	15	2	5
V-1.1 9+50S	20	6	.1	10	2	5
V-2 31+00S	71	5	.2	12	2	5
V-2 31+50S	109	8	.1	16	2	5
V-2 32+00S	77	8	.1	14	3	5
V-2 32+50S	44	11	.1	13	5	10
V-2 33+00S	33	15	.1	9	2	5
V-2 33+50S	25	5	.1	7	2	5
V-2 34+00S	85	7	.1	17	2	5
V-2 34+50S	38	7	.1	8	2	5
V-2 35+00S	56	9	.1	16	2	5
V-2 35+50S	129	8	.3	11	2	5
V-2 36+00S	33	9	.1	12	2	5
V-2 36+50S	17	6	.1	11	2	5
V-2 37+00S	21	6	.1	7	2	5
V-2 37+50S	25	9	.2	7	2	5
V-2 38+00S	35	7	.1	6	2	5
V-2 38+50S	30	8	.2	5	2	5
V-2 39+00S	28	7	.1	8	2	5
V-2 39+50S	22	7	.1	8	2	5
V-2 40+00S	34	11	.3	12	2	5
STD C/AU-0.5	59	40	7.7	40	17	510

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-3 20+50S	9	4	.2	2	2	5
V-3 21+00S	51	8	.1	7	2	5
V-3 24+00S	55	9	.1	13	2	5
V-3 24+50S	31	8	.1	5	2	5
V-3 25+00S	65	9	.5	6	2	5
V-3 25+50S	33	12	.1	6	2	5
V-3 26+00S	57	11	.5	10	2	5
V-3 37+50S	120	13	.7	13	2	5
V-3 38+00S	29	10	.3	10	2	5
V-3 38+50S	33	11	.1	6	2	5
V-3 39+00S	20	8	.1	6	2	5
V-3 39+50S	45	6	.2	4	2	5
V-3 40+00S	41	8	.1	2	2	5
V-3.9 12+00S	29	3	.1	3	2	5
V-3.9 12+50S	22	4	.1	2	2	5
V-3.9 13+00S	30	7	.1	5	2	5
V-3.9 13+50S	12	3	.1	3	2	5
V-4 20+50S	62	9	.4	4	2	5
V-4 21+00S	10	7	.1	2	2	5
V-4 22+00S P	46	1	.1	2	2	5
V-4 22+50S P	77	2	1.2	3	2	5
V-4 23+00S	38	10	.2	9	2	5
V-4 23+50S	21	8	.2	12	2	5
V-4 24+00S	47	8	.1	9	2	5
V-4 24+50S	45	10	.2	11	2	5
V-4 25+00S	20	5	.1	4	2	5
V-4 25+50S	29	6	.1	4	2	5
V-4 26+00S	33	7	.1	6	2	5
V-4 26+50S	11	4	.1	2	2	5
V-4 27+00S	25	10	.1	5	2	5
V-4 27+50S	15	7	.1	6	2	5
V-4 28+00S P	53	5	1.0	4	2	5
V-4 28+50S	37	10	.1	6	4	5
V-4 29+00S	30	10	.1	11	6	5
V-4 30+00S	98	20	.8	17	11	5
V-4 30+50S	33	15	.2	10	6	5
STD C/AU-0.5	59	40	7.7	41	17	490

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-4 31+00S	60	13	.5	12	7	5
V-4 31+50S	14	6	.4	4	2	5
V-4 32+00S	68	9	.3	2	3	5
V-4 32+50S	60	12	.1	3	3	5
V-4 33+00S	29	10	.1	5	4	5
V-4 33+50S	39	14	.1	5	2	5
V-4 34+00S	114	13	.1	2	2	5
V-4 34+50S	58	9	.2	6	3	5
V-4 35+00S	27	6	.1	3	2	5
V-4 35+50S	21	6	.1	2	2	30
V-4 36+00S	50	6	.2	3	2	40
V-4 36+50S	37	10	.1	2	2	5
V-4 37+00S	124	10	.1	2	2	5
V-4 37+70S	35	4	.1	2	2	5
V-4 38+00S	128	6	.1	3	2	5
V-4 38+50S	66	7	.1	9	2	5
V-4 39+00S	139	6	.1	2	2	5
V-4 39+50S	147	7	.1	3	2	5
V-4.1 12+50S	52	6	.3	3	2	5
V-4.1 13+00S	31	4	.2	2	2	5
V-4.1 13+50S	22	4	.1	2	2	5
V-4.1 14+00S	32	8	.4	2	2	5
V-4.9 10+50S	37	6	.2	3	2	5
V-4.9 11+00S	31	5	.2	3	2	5
V-4.9 11+50S	20	7	.1	3	2	5
V-4.9 12+00S	42	4	.1	11	2	5
V-4.9 12+50S	204	6	.8	21	2	5
V-4.9 13+00S	331	12	2.0	13	2	5
V-5.1 10+00S	23	7	.3	8	2	5
V-5.1 10+50S	22	6	.2	4	2	5
V-5.1 11+00S	129	12	.3	108	2	5
V-5.1 11+50S	90	10	.4	42	2	5
V-5.1 12+00S	60	9	.1	6	2	5
V-5.1 12+50S	24	9	.1	11	2	5
V-5.1 13+00S	48	6	.2	42	2	5
V-6 0+50S	42	7	.2	6	2	5
V-6 1+00S	31	7	.3	14	2	5
STD C/AU 0.5	58	40	7.7	41	17	515

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-6 1+50S	23	5	.1	2	2	5
V-6 2+00S	32	9	.2	4	2	5
V-6 2+50S	27	9	.2	6	2	5
V-6 3+00S	30	8	.1	2	2	5
V-6 3+50S	46	8	.1	10	2	5
V-6 4+00S	8	6	.1	3	2	5
V-6 4+50S	22	7	.1	10	2	5
V-6 5+00S	49	8	.1	7	3	5
V-6 5+50S	21	5	.1	8	2	5
V-6 6+00S	7	7	.1	4	2	5
V-6 6+50S	12	6	.3	3	2	5
V-6 7+00S	30	9	.1	5	2	5
V-6 7+50S	18	8	.1	3	2	5
V-6 8+00S	159	14	1.3	3	2	5
V-6 8+50S	14	8	.2	5	2	5
V-6 9+00S	38	6	.2	5	2	5
V-6 9+50S	8	5	.2	6	2	5
V-6 10+00S	12	7	.2	3	2	5
V-6 10+50S	14	9	.3	6	2	5
V-6 11+00S	12	12	.3	5	2	5
V-6 11+50S	18	12	.3	5	2	5
V-6 12+00S	30	12	.2	5	3	5
V-6 12+60S	48	15	.9	8	2	5
V-6 13+10S	17	10	.2	8	2	5
V-6 13+50S	9	7	.3	5	2	5
V-6 14+00S	18	8	.1	6	2	5
V-6 14+50S	37	10	.1	10	2	5
V-6 15+00S	67	15	.4	4	2	5
V-6 15+50S	21	7	.4	4	2	5
V-6 16+00S	11	10	.3	4	2	5
STD C/AU-0.5	59	39	7.5	41	17	490

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-7 27+00N	13	5	.1	2	2	5
V-7 26+50N	22	9	.4	3	2	5
V-7 26+00N	61	13	.4	7	2	5
V-7 25+50N	17	6	.1	2	2	5
V-7 22+00N	30	7	.2	2	2	5
V-7 21+50N	38	7	.1	3	2	5
V-7 21+00N	17	4	.1	3	2	5
V-7 20+50N	39	7	.1	2	2	5
V-7 20+00N	11	5	.1	2	2	5
V-7 19+50N	10	7	.2	3	2	5
V-7 19+00N	17	4	.2	2	2	5
V-7 18+50N	16	6	.3	2	2	5
V-7 18+00N	24	6	.1	2	2	5
V-7 17+50N	24	7	.2	2	2	5
V-7 17+00N	30	7	.1	2	2	5
V-7 16+50N	73	10	.4	4	2	5
V-7 16+00N	66	6	.6	2	3	5
V-7 15+50N	19	6	.2	4	2	5
V-7 15+00N	19	4	.1	4	2	5
V-7 14+50N	12	4	.1	2	2	5
V-7 14+00N	20	5	.1	2	2	5
V-7 13+50N	41	1	.1	2	2	5
V-7 13+00N	58	8	.4	6	2	5
V-7 12+50N	22	7	.1	4	2	5
V-6 29+00N	23	8	.1	2	2	5
V-6 28+50N	16	6	.1	2	2	5
V-6 28+00N	21	7	.1	3	2	5
V-6 27+50N	24	9	.1	6	2	5
V-6 27+00N	22	7	.1	5	2	5
V-6 26+50N	8	7	.1	3	2	5
V-6 26+00N	43	7	.1	6	2	25
V-6 25+50N	31	8	.1	7	2	5
V-6 25+00N	11	8	.1	5	2	5
V-6 24+50N	36	8	.2	4	2	5
V-6 23+90N	35	6	.1	2	2	5
V-6 23+00N	4	3	.1	2	2	5
V-6 22+50N	3	2	.1	2	2	5
STD C/AU 0.5	58	40	7.4	39	17	510

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-6 22+00N	13	1	.1	3	2	5
V-6 21+50N	60	1	.2	4	2	5
V-6 21+00N	32	1	.2	2	2	5
V-6 20+50N	38	1	.2	2	2	5
V-6 20+00N	57	6	.6	5	2	5
V-6 19+50N	169	18	2.3	9	2	60
V-6 19+00N	45	5	.4	2	2	5
V-6 18+50N	25	7	.4	3	2	5
V-6 18+00N	28	5	.3	2	2	5
V-6 17+50N	42	7	.4	5	2	5
V-6 17+00N	36	7	.4	4	2	5
V-6 16+50N	51	5	.2	2	2	5
V-6 16+00N	45	3	.2	7	2	5
V-6 15+50N	19	6	.5	2	2	5
V-6 15+00N	15	6	.2	2	2	5
V-6 14+50N	34	10	.5	3	2	5
V-6 14+00N	96	7	.5	4	2	5
V-6 13+50N	24	3	.3	2	2	5
V-6 13+00N	22	5	.4	2	2	5
V-6 12+50N	44	6	.4	2	2	5
V-6 12+00N	33	5	.4	3	2	5
V-6 11+50N	39	8	.3	2	2	5
V-6 11+00N	12	4	.3	2	2	5
V-6 10+50N	48	6	.4	3	2	5
V-6 10+00N	138	10	1.7	7	2	5
V-6 9+50N	224	12	2.4	7	2	5
V-6 9+00N	110	7	1.6	2	2	5
V-6 8+50N	56	4	.4	2	2	5
V-6 8+00N	235	15	1.2	6	2	5
V-6 7+50N	41	5	.3	2	2	5
V-6 7+00N	36	6	.5	2	2	5
V-6 6+50N	20	5	.1	2	2	5
V-6 6+00N	25	5	.2	3	2	5
V-6 5+50N	30	6	.2	2	2	5
V-6 5+00N	35	4	.3	4	2	5
V-6 4+50N	34	1	.3	9	2	5
V-6 4+00N	111	4	.6	10	2	5
STD C/AU-0.5	58	40	7.2	39	17	500

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
V-6 3+50N	72	7	.2	4	3	5
V-6 3+00N	54	8	.4	7	3	5
V-6 2+50N	34	5	.1	7	3	5
V-6 2+00N	26	5	.4	3	2	5
V-6 1+50N	36	8	.3	4	2	5
V-6 1+00N	173	13	1.1	11	2	5
V-6 0+50N	105	11	.5	5	2	5
V-6 0+00N	5	6	.1	2	2	5
V-3.1 5+50N	55	10	.2	11	2	5
V-3.1 5+00N	25	10	.2	8	2	5
V-3.1 4+50N	205	12	2.5	7	2	5
V-3.1 4+00N	48	9	.3	3	2	5
V-3.1 3+50N	66	10	.5	6	2	5
V-3.1 3+00N	45	8	.1	2	2	5
V-2.9 6+00N	34	6	.2	5	2	5
V-2.9 5+50N	41	7	.4	6	2	5
V-2.9 5+00N	27	8	.1	4	2	5
V-2.9 4+50N	28	5	.2	4	2	5
V-2.9 4+00N	42	11	.3	7	2	5
V-2.9 3+50N	31	7	.1	4	2	5
84 VML 1	12	6	.1	3	3	5
84 VML 2	73	11	.8	6	3	5
STD C/AU-0.5	59	40	7.2	41	17	510

SAMPLE#	CU PPM	PB PPM	AG PPM	AS PPM	SB PPM	AU* PPB
84-VMT 1	86	8	.2	7	3	5
84-VMT 2	121	6	.2	4	2	5
84-VMT 3	100	7	.3	2	2	65
84-VMT 4	55	6	.5	11	2	5
84-VMT 5	72	9	.8	14	3	5
84-VMT 6	136	6	.2	3	2	5
84-VMT 7	81	3	.2	4	2	5
84-VMT-8	96	4	.4	3	2	5
84-VMT-9	53	12	.8	12	2	5
84-VMT-10	93	9	.2	7	2	5
84-VMT-11	120	1	.2	2	2	5
84-VMT-12	97	8	.3	4	2	5
84-VMT-13	338	1	.2	3	2	5
84-VMT-15	66	5	.5	8	3	5
84-VMT-16	52	4	.4	2	2	5
84-VMT-17	107	6	.3	11	2	5
84-VMT-18	128	5	.4	2	2	5
84-VMT-19	59	7	.2	4	2	5
84-VMT-20	83	8	.2	8	2	5
84-VMT-21	92	12	.2	7	2	5
HOBSON 1	11	17	.1	73	2	5
RED GOLD	31	6	.1	12	2	5
SKARN RED GOLD	565	9	.2	9	2	35
STD C/AU-0.5	58	39	7.3	40	16	510

APPENDIX 11

STATEMENT OF QUALIFICATIONS

CERTIFICATION

I, JOHN RAYMOND DEIGHTON, of 3250 West 33rd Avenue, Vancouver, British Columbia, do hereby certify that:

I am a graduate of the University of British Columbia, with a Bachelor of Science Degree in Geology, 1965.

Since graduation I have been engaged in Mineral Exploration in British Columbia, Yukon, Northwest Territories, Washington, Arizona and California.

I am a Fellow of the Geological Association of Canada and of the Canadian Institute of Mining and Metallurgy.

I am a Geologist

Vancouver, B. C.

John R. Deighton
Geologist

APPENDIX II

STATEMENT OF QUALIFICATIONS

H.R. Muntanion, Project Geologist for Utah Mines Ltd., Vancouver, B.C.

Completed B.Sc. in 1970 at the University of Manitoba; employed by: Canadian Nickel Co. in the summers of 1969 and 1971 as a student and field geologist, respectively; Amax, Vancouver, B.C. during the summer of 1970 as a geological assistant in the Yukon; The Manitoba Mines Branch during the 1972 field season as a field geologist; Hudson Bay Oil and Gas Ltd., Toronto, Ontario during May to December, 1973 as a temporary geologist; Mindeco Ltd., Lusaka, Zambia from May 1974 to May 1977 as a geologist; Canadian International Development Agency, Ottawa, Ontario from August, 1977 to December 1979 as a geologist in Malaysia; Utah Mines Ltd. from April, 1980 to present under the supervision of D.N. leNobel, P. Eng.

APPENDIX III

STATEMENT OF COSTS

Geochemical Survey

Contract Costs:	Durfeld Geological Management	
	Sample collection and shipment 372	
	Samples @ $6.11/sample	$ 2,272.92
	Orientation Guide	250.00
Analyses:	Chemex 372 soil samples @ $8.76 ea.	3,258.72
	ACME 333 soil samples @ $8.60 ea.	2,863.80
	ACME 20 rock samples @ $10.75 ea.	215.00
Salaries:		
J.R. Deighton, Sr. Geol. (preparatory, supervision)		
5 days @ $250/day		1,250.00
H. Muntanion, Proj. Geol. (supervision)		
2 days @ $200/day		400.00
D. Reddy, Asst. (sampling) 11 days @ $80/day		880.00
R. Smith, Asst. (sampling) 10 days @ $70/day		700.00
Accomodation:	29 man days @ $45/day	1,305.00
Vehicle Expenses:	15 days @ $45/day	675.00
	SUB-TOTAL	$ 14,070.44

Geological Survey

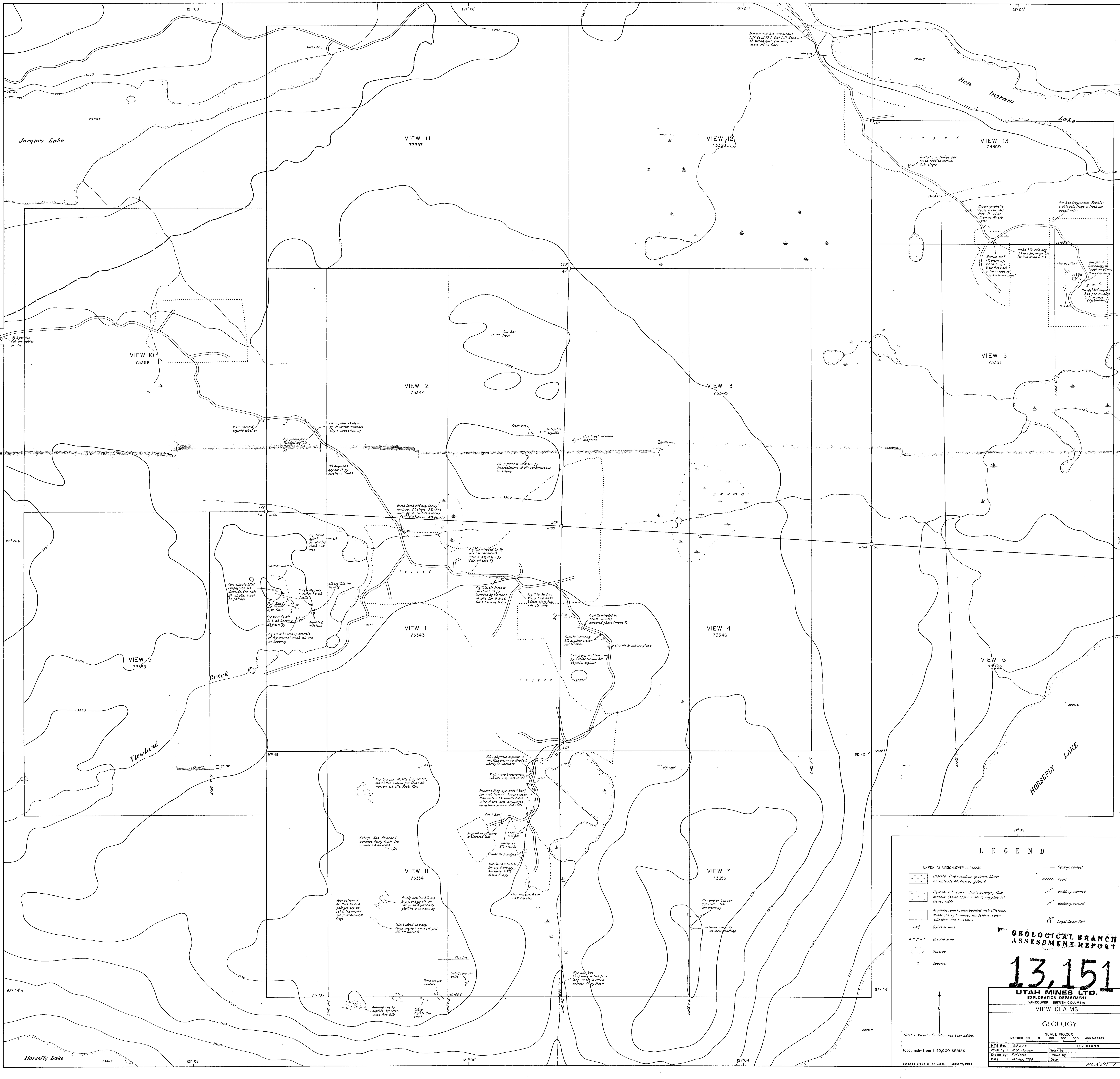
Salaries:		
H. Muntanion, Proj. Geol., 8 days @ $200/day		$ 1,600.00
R. Smith, Asst., 1 day @ $70/day		70.00
Accomodation:	9 man days @ $45/day	405.00
	SUB-TOTAL	$ 2,075.00

Data Interpretation and Report Writing

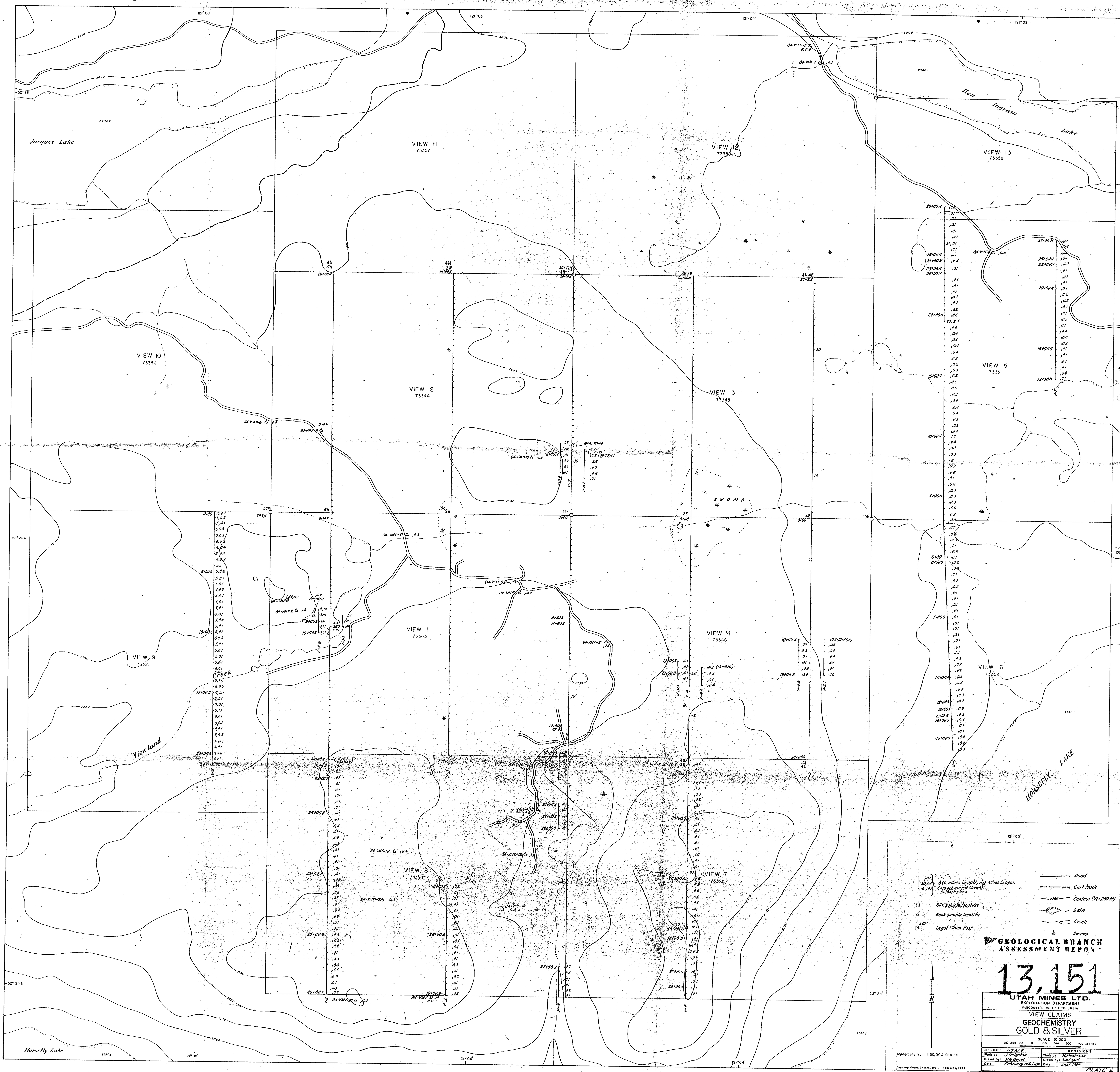
Salaries:		
J.R. Deighton, Sr. Geol., 3 days @ $250/day		$ 750.00
H. Muntanion, Proj. Geol., 4 days @ $200/day		800.00
R. Gopal, Draftsman, 5 days @ $135/day		675.00
C. Stewart, Secretary, 1 day @ $95/day		95.00
Map Reproduction and Photocopying:		150.00
	SUB-TOTAL	$ 2,470.00

Miscellaneous Costs

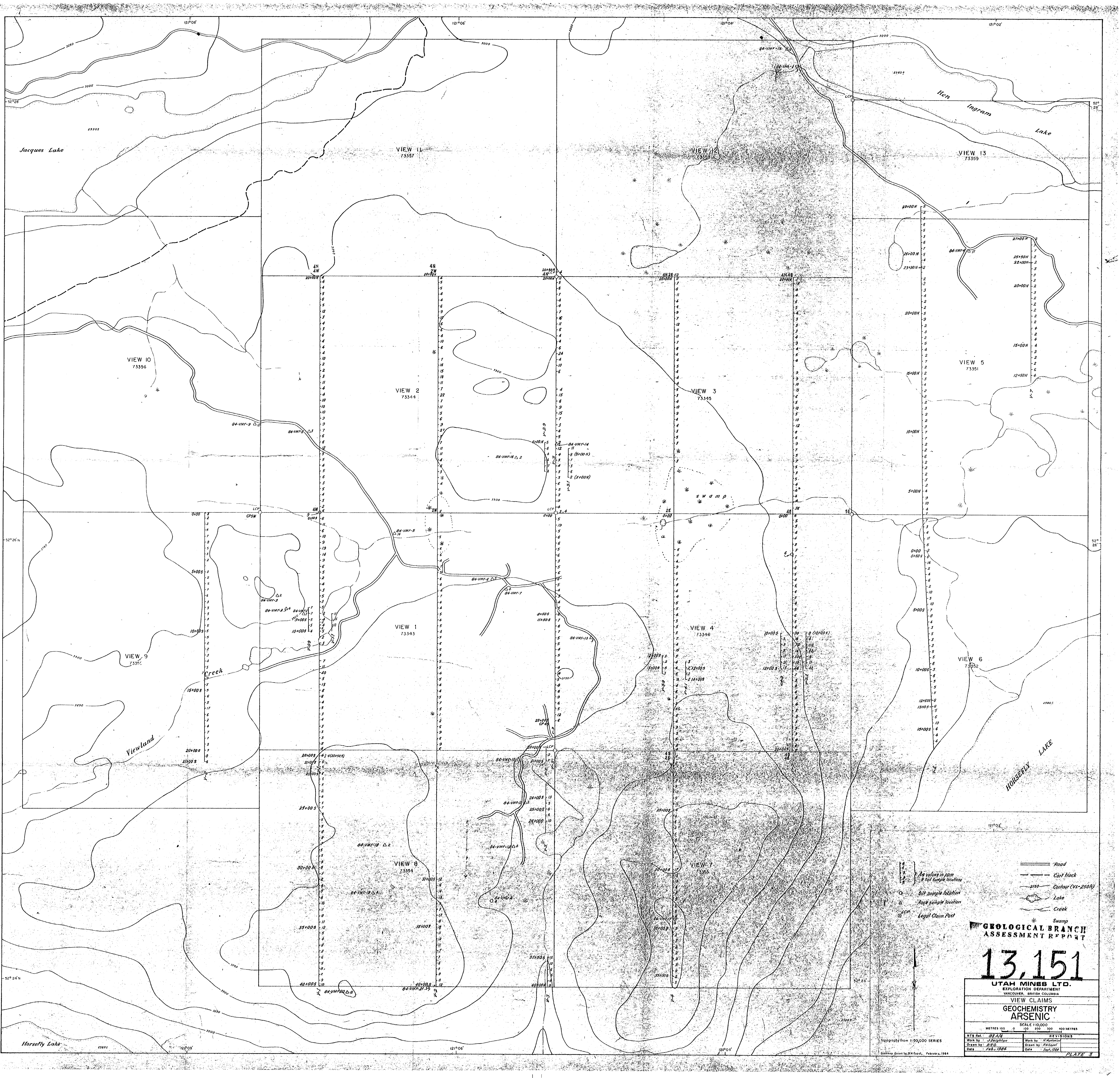
Field Supplies		$ 450.00
Telephone		180.00
	SUB-TOTAL	$ 630.00
	TOTAL	$ 19,245.44



Jacques Lake
Hen Ingram Lake
HORSEFLY LAKE
Horsefly Lake
Viewland Creek
VIEW 1
73343
VIEW 2
73344
VIEW 3
73345
VIEW 4
73346
VIEW 5
73351
VIEW 6
73352
VIEW 7
73353
VIEW 8
73354
VIEW 9
73355
VIEW 10
73356
VIEW 11
73357
VIEW 12
73358
VIEW 13
73359
121°08'
121°06'
121°04'
121°02'
52°24'
LEGEND
UPPER TRIASSIC-LOWER JURASSIC
Diorite, fine-medium grained. Minor hornblende porphyry, gabbro
Pyroxene basalt-andesite porphyry flow breccia (some agglomerate?), amygdaloidal flows, tuffs.
Argillites, black, interbedded with siltstone, minor cherty laminae, sandstone, calc-silicates and limestone
Dykes or veins
Breccia zone
Outcrop
Subcrop
Geologic contact
Fault
Bedding, inclined
Bedding, vertical
Legal Corner Post
Swamp
Logged area
GEOLOGICAL BRANCH ASSESSMENT REPORT
13,151
N
NOTE: Recent information has been added.
Topography from 1:50,000 SERIES
Basemap drawn by R.N.Gopal, February, 1984
UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER, BRITISH COLUMBIA
VIEW CLAIMS
GEOLOGY
SCALE 1:10,000
METRES 100 0 100 200 300 400 METRES
NTS Ref.: 93A/6
Work by: H.Muntanion
Drawn by: R.N.Gopal
Date: October, 1984
REVISIONS
Work by:
Drawn by:
Date:
PLATE 1



Jacques Lake
VIEW 11
73357
VIEW 12
73358
VIEW 13
73359
Hen Ingram Lake
VIEW 10
73356
VIEW 2
73344
VIEW 3
73345
VIEW 5
73351
VIEW 1
73343
VIEW 4
73346
VIEW 9
73355
VIEW 6
73352
swamp
Creek
Viewland
HORSEFLY LAKE
VIEW 8
73354
VIEW 7
73353
Horsefly Lake
121°08'
121°06'
121°04'
121°02'
52°24'
Au values in ppb, Ag values in ppm.
(<10 ppb are not shown) in most places.
Silt sample location
Rock sample location
LCP
Legal Claim Post
Road
Cart track
Contour (V.I.=250 ft)
Lake
Creek
Swamp
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,151
N
Topography from 1:50,000 SERIES
Basemap drawn by R.N.Gopal, February, 1984
UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER, BRITISH COLUMBIA
VIEW CLAIMS
GEOCHEMISTRY
GOLD & SILVER
SCALE 1:10,000
METRES 100 0 100 200 300 400 METRES
NTS Ref.: 93A/6
Work by: J. Deighton
Drawn by: R.N. Gopal
Date: February 14th, 1984
REVISIONS
Work by: H. Muntanion
Drawn by: R.N. Gopal
Date: Sept. 1984
PLATE 2



Jacques Lake
Ten Ingram Lake
VIEW 11
73357
VIEW 12
VIEW 13
73359
VIEW 10
73356
VIEW 2
73344
VIEW 3
73345
VIEW 5
73351
VIEW 1
73343
VIEW 4
73346
VIEW 6
73352
VIEW 9
VIEW 8
73354
VIEW 7
Viewland
Creek
HORSEFLY LAKE
Horsefly Lake
swamp
As values in ppm & Soil sample locations
Silt sample location
Rock sample location
Legal Claim Post
Road
Cart track
Contour (VI-250ft)
Lake
Creek
Swamp
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,151
UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER, BRITISH COLUMBIA
VIEW CLAIMS
GEOCHEMISTRY
ARSENIC
SCALE 1:10,000
METRES 100 0 100 200 300 400 METRES
NTS Ref.: 93 A/6
Work by: J. Deighton
Drawn by: RNG
Date: Feb., 1984
REVISIONS
Work by: H. Muntanion
Drawn by: RN Gopal
Date: Sept. 1984
PLATE 3
Topography from 1:50,000 SERIES
Basemap drawn by R.N. Gopal, February, 1984

121°08'
121°06'
121°04'
121°02'
52°28'
52°26'
52°24'
Jacques Lake
Hein
Ingram
Lake
Creek
Viewland
HORSEFLY LAKE
Horsefly Lake
swamp
LCP
VIEW 1
73343
VIEW 2
73344
VIEW 3
73345
VIEW 4
73346
VIEW 5
73351
VIEW 6
73352
VIEW 7
73353
VIEW 8
73354
VIEW 9
73355
VIEW 10
73356
VIEW 11
73357
VIEW 12
73358
VIEW 13
73359
84-VMT-1
84-VMT-2
84-VMT-3
84-VMT-5
84-VMT-6
84-VMT-7
84-VMT-8
84-VMT-9
84-VMT-10
84-VMT-11
84-VMT-12
84-VMT-13
84-VMT-14
84-VMT-15
84-VMT-16
84-VMT-17
84-VMT-18
84-VMT-19
84-VMT-20
84-VMT-21
84-VML-1
84-VML-2
4N 4W
4N 2W
4N 2E
4N 4E
5N 2E
5N 4E
Cu values in ppm & soil sample locations
Silt sample location
Rock sample location & number
Legal Claim Post
Road
Cart track
Contour (V.I. = 250ft)
Lake
Creek
Swamp
Topography from 1:50,000 SERIES
Basemap drawn by N.N Gopal, February, 1984
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,151
UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER, BRITISH COLUMBIA
VIEW CLAIMS
GEOCHEMISTRY
COPPER
SCALE 1:10,000
METRES 100 0 100 200 300 400 METRES
NTS Ref. 93 A/6
Work by J. Daughton
Drawn by R.K.Gopal
Date February 14th, 1984
REVISIONS
Work by N.Mackenzie
Drawn by R.K.Gopal
Date October 9th
PLATE 4