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MINING ENGINEERING**

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GEOLOGICAL, GEOCHEMICAL and DIAMOND DRILLING REPORT

on the

UDUK LAKE PROPERTY

DUK 1-3 CLAIMS

FILMED

Omineca Mining Division - British Columbia

Lat. 53° 38' N.

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N.T.S. 93 E/9, 93 F/12

for

CHALICE MINING INC.

and

PACIFIC COMOX RESOURCES LTD.

by

J. Dunkley, B.Sc.

and

D. J. Brownlee, P. Geol., F.G.A.C.

GEOLOGICAL BRANCH
DIAMOND DRILLING REPORT

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SUMMARY

Chalice Mining Inc. holds an option on Pacific Comox Ltd.'s Uduk Lake property. The property is situated in the Interior Plateau of central British Columbia, 70 kilometres southwest of Burns Lake. Access is by float plane, although logging roads exist 10 kilometres to the east.

The DUK claims cover rhyolitic volcanic rocks of the Ootsa Lake Group which are weakly to intensely argillized and quartz veined over an area of approximately two kilometres in diameter. The property is on a number of precious metal prospects in central British Columbia that are found in a fossil hot spring environment.

In 1988 a program of line cutting, geological mapping, geochemical sampling and induced polarization surveys was conducted. This work revealed scattered gold geochemical anomalies in soil and rock within the more intensely quartz veined and brecciated rhyolite. Induced polarization surveys revealed extensive zones of high chargeability (greater than 20 milliseconds) along with coincident apparent resistivity anomalies. From October 11th to 27th, 1988, a five hole, 358 metre diamond drilling program was undertaken to test a portion of this anomalous area. Drilling confirmed the presence of zones of quartz-sulphide veins and intense argillic alteration. Scattered anomalous gold values (up to 1060 parts per billion or 0.03 ounces per ton over 3.3 metres) were obtained along with elevated to moderately anomalous amounts of a wide range of gold pathfinder elements including molybdenum, zinc, silver, arsenic, antimony, bismuth and tungsten. A program of further target definition followed by diamond drilling is proposed.

CONCLUSION

The occurrence of widespread argillized and quartz-veined volcanic rocks at Uduk Lake, along with scattered geochemically anomalous gold and associated pathfinder elements, indicate an environment favourable for the occurrence of volcanic-hosted epithermal precious metal deposits. The physiographic setting (subdued topographic relief) is favourable for the

CHALICE MINING INC.
 PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
 LOCATION MAP

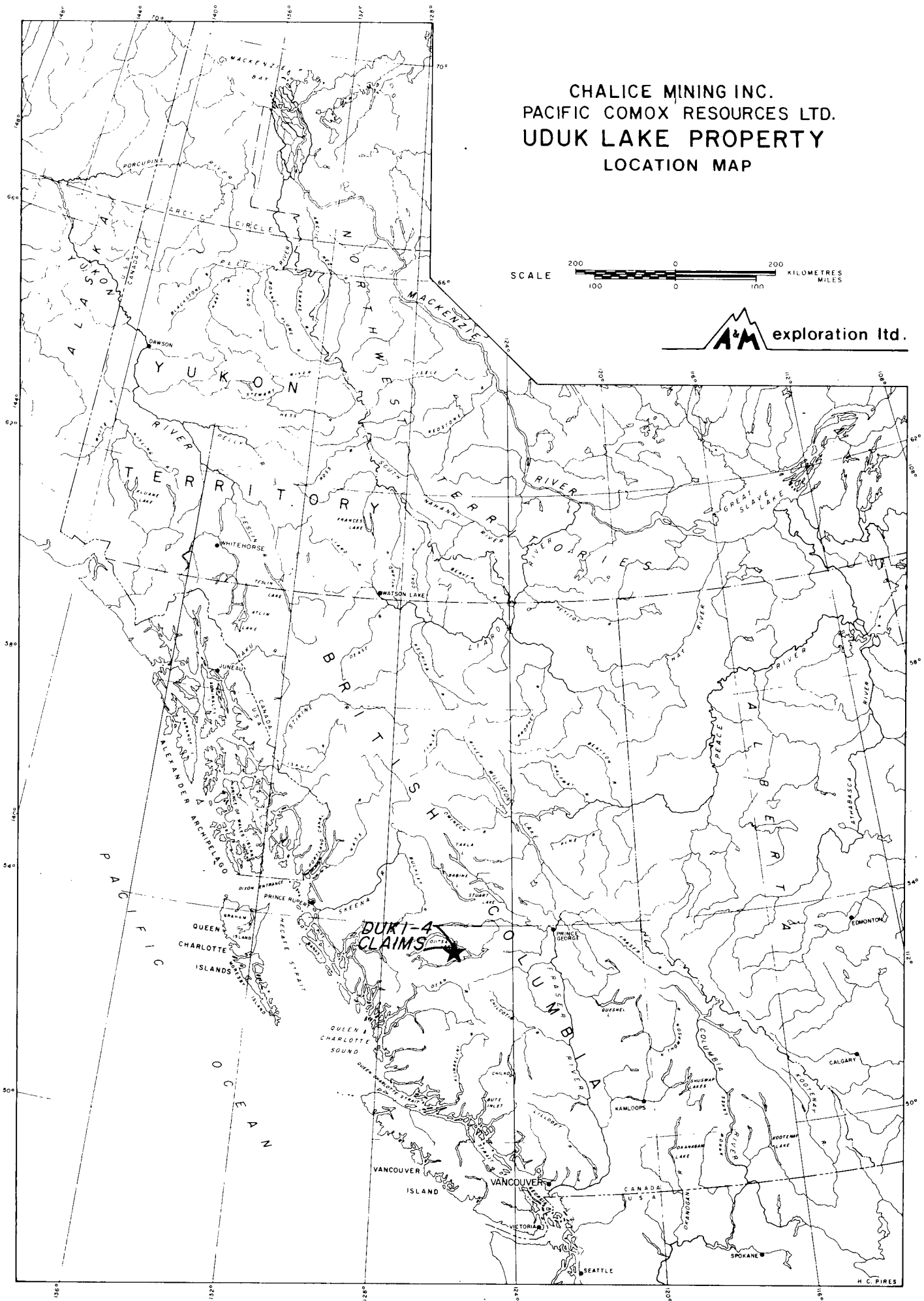


FIGURE - I

application of low cost bulk mining and heap leaching methods should a sufficient tonnage in the range 0.04 to 0.1 ounces per ton gold be found.

Surface sampling and preliminary diamond drilling to date have revealed mainly low gold (up to 1400 parts per billion or 0.04 ounces per ton) and silver (up to 17.4 parts per million or 0.5 ounces per ton) values. A large hydrothermal system, at least two kilometres in diameter, however remains to be tested. Within this zone are widespread induced polarization anomalies indicating abundant sulfides at depth. In particular, the northeast stockwork zone (with coincident induced polarization anomalies) should be drill tested.

RECOMMENDATION

A two phase exploration program is recommended to further evaluate the Uduk Lake property. Phase I will consist of additional geochemical sampling, detailed mapping, and additional induced polarization surveys to fully delineate the areas of interest and to define specific drilling targets. Should results be favourable then a Phase II program of diamond drilling would be warranted. Estimated costs of recommendations are \$50,000 and \$106,000, respectively, for a total cost of \$156,000.

ESTIMATED COST OF RECOMMENDATION**PHASE I** Geochemical and geophysical surveys.

Salaries		
Geologist	15 days @ \$350/day	\$ 5,250
Assistant	15 days @ \$200/day	3,000
Aircraft charter		5,000
Room and board	30 man-days @ \$40/day	1,200
Vehicle, travel expense		1,000
Geochemical analyses		5,000
Geophysical surveys	10 line kilometres @ \$2,000/line (all incl.)	20,000
Consulting fees, report		<u>5,000</u>
	Subtotal	\$ 45,450
	Contingencies	<u>4,550</u>
	TOTAL PHASE 1	50,000

PHASE II Follow-up diamond drilling.

Diamond drilling	2,000 feet @ \$35 (all incl.)	\$ 70,000
Drill site preparation	10 man-days @ \$200	2,000
Aircraft charter and/or access road construction		15,000
Engineering, supervision		<u>10,000</u>
	Subtotal	\$ 97,000
	Contingencies	<u>9,000</u>
	TOTAL PHASE II	\$106,000
	GRAND TOTAL	\$156,000

INTRODUCTION

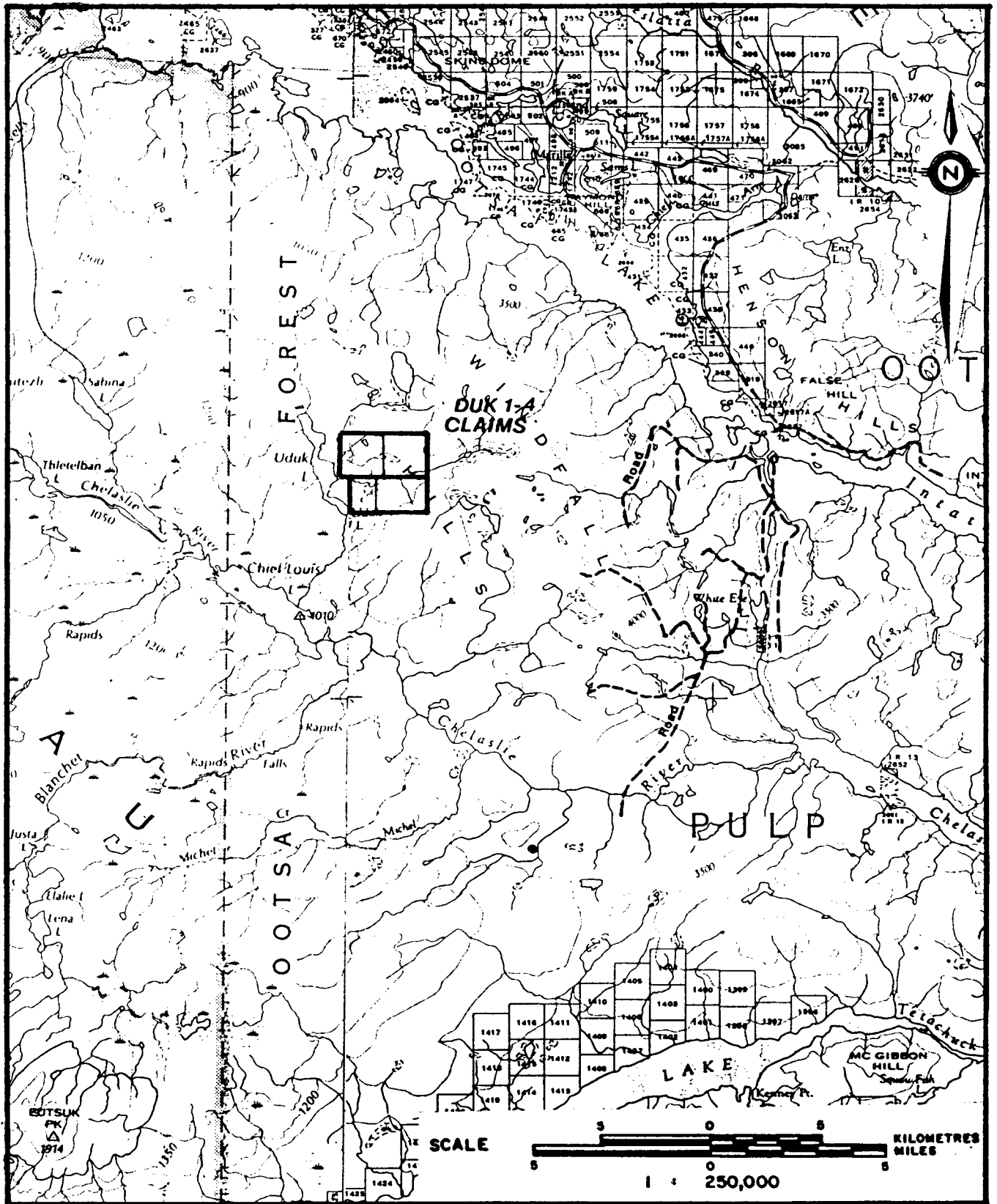
The DUK 1-4 claims were staked to cover a large area of argillized, quartz-veined, and locally brecciated rhyolitic volcanic rocks. The property is one of a number of precious metal prospects in central British Columbia that are related to fossil hot spring systems. These prospects, because of their similarity in geological setting with volcanic hosted gold deposits in the western United States, have become the focus of intense exploration. In particular Mingold Resources (subsidiary of Inspiration Ltd.) have been conducting exploration on the Loon property, immediately to the north of the DUK claims.

This report summarizes the results of geological mapping and geochemical sampling on the DUK property conducted in July, 1988, and a 358 metre diamond drilling program carried out in October, 1988. The drilling was contracted out to Drilcor Industries Ltd. of Delta, British Columbia, and was supervised by J. Dunkley.

LOCATION, PHYSIOGRAPHY, ACCESS

The Uduk Lake property is situated 70 kilometres south-southwest of Burns Lake in the Interior Plateau of central British Columbia. The claims lie in the Windfall Hills area, east of the north end of Uduk Lake (Figures 1 and 2). Elevation ranges from 1100 to 1220 metres (3,600 to 4,000 feet). Lakes and swampy areas are abundant. Examination of airphotos show a strong northeast-southwest lineation indicating the area was subjected to heavy glaciation, with ice movement to the northeast. Although outcrops are relatively few, some of the southwest facing slopes appear to have been scoured by glacials leaving a rubbly soil beneath a thin layer of humus rich soil.

Access is by float plane based in Burns Lake or Telkwa or by helicopter from Houston or Burns Lake. To the east, logging roads provide access to within 11 kilometres of the property.



N.T.S. 93E/9, F/12W

ACCESS MAP

DUK 1 - 4 CLAIMS

Omenica Mining Division - British Columbia

CLAIM DATA

The Uduk Lake property is comprised of 51 claim units (Figure 3) as follows:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
DUK 1	16	6275	June 20, 1993
DUK 2	16	6276	June 20, 1993
DUK 3	15	6277	June 20, 1993
DUK 4	4	9303	Mar. 18, 1993

The claims are all held in the name of Pacific Comox Resources Ltd. (formerly Comox Resources Ltd.). Chalice Mining Inc. has an option to earn a 50% interest in the property.

HISTORY

The Uduk Lake property was originally staked in 1981 by AMAX Exploration Ltd. who subsequently conducted some reconnaissance mapping and sampling but allowed the claims to expire.

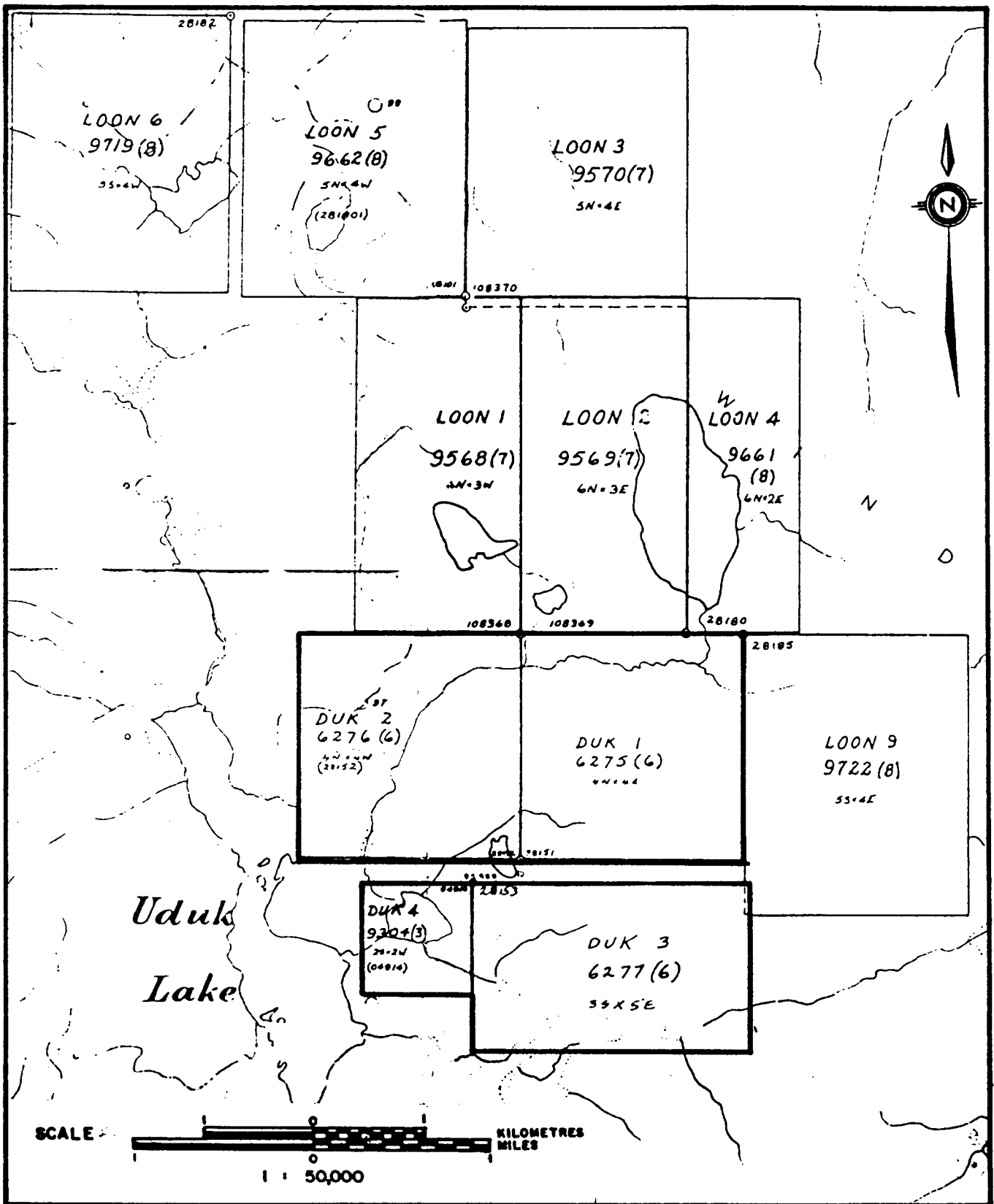
In 1984, the property was restaked by S. Travis. At the time of staking, a grab sample of quartz veined rhyolite was collected, which returned a gold value of 3800 parts per billion (0.1 ounces per ton).

Asitka Resource Corporation optioned the property and conducted preliminary rock and soil geochemical sampling in 1985 and 78 metres of Winkie diamond drilling in three holes in early 1986. This work revealed weakly anomalous gold values ranging from 20 to 1450 parts per billion in one of the quartz vein stockwork zones.

The property was optioned by Pacific Comox Resources Ltd. in 1987.

GEOLOGY

Results of pre-1985 mapping and sampling are plotted on Figure 4c. Results of 1985 and 1988 mapping are presented on Figures 4a and 4b. The property is underlain by Ootsa Lake volcanic rocks of which five mappable units have been recognized.



N.T.S. 93 E/9, F/12

DUK CLAIMS
CLAIM MAP

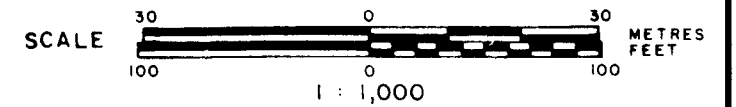
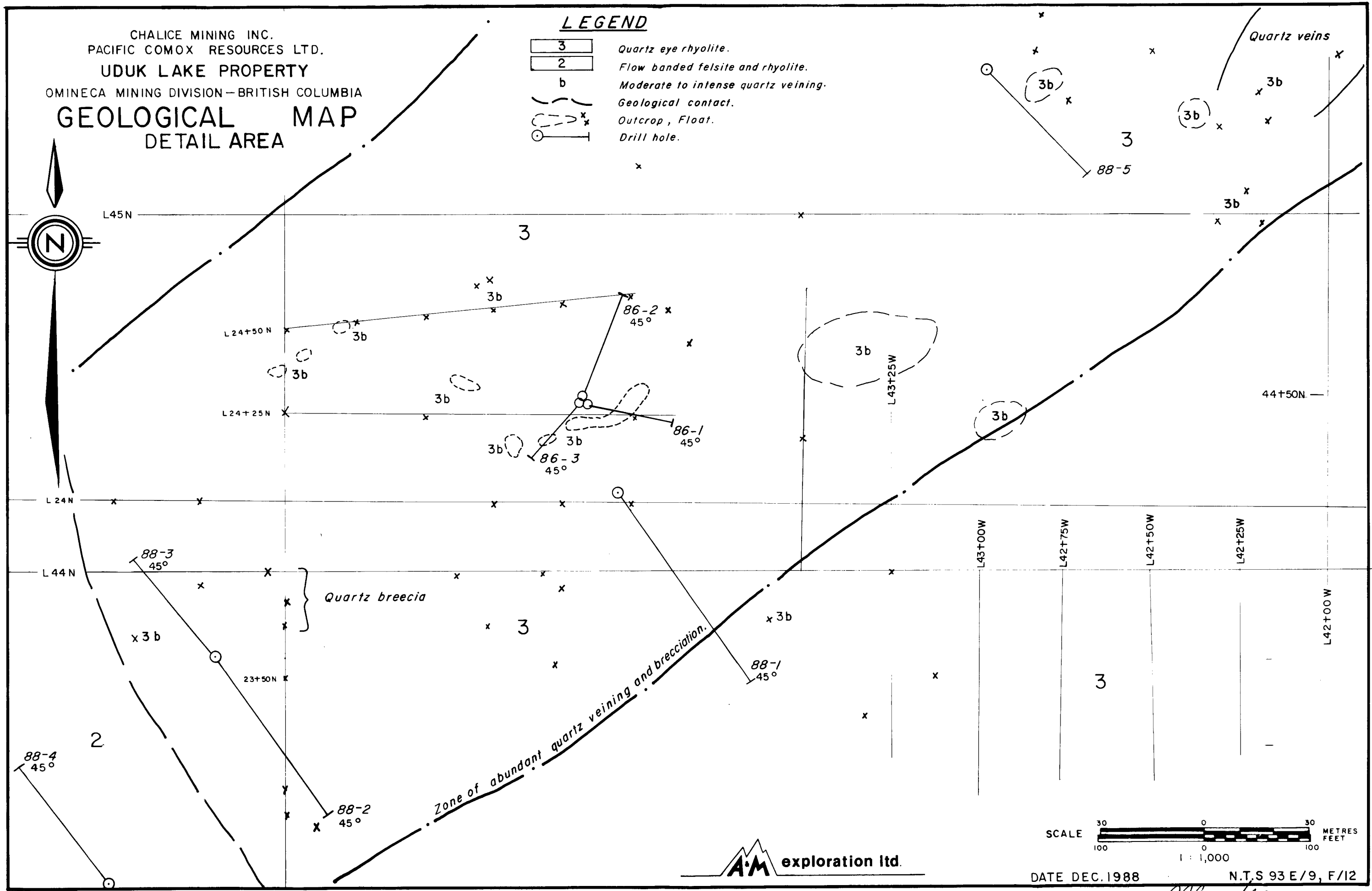
Omineca Mining Division - British Columbia

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CHALICE MINING INC.
 PACIFIC COMOX RESOURCES LTD.
 UDUK LAKE PROPERTY
 OMINECA MINING DIVISION - BRITISH COLUMBIA
GEOLOGICAL MAP
 DETAIL AREA

LEGEND

- 3 Quartz eye rhyolite.
- 2 Flow banded felsite and rhyolite.
- b Moderate to intense quartz veining.
- Geological contact.
- ⊗ Outcrop, Float.
- Drill hole.



DATE DEC. 1988 N.T.S 93 E/9, F/12

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 FIGURE 4b

Unit 1 is comprised mainly of variously textured tuffs and volcanic breccias of rhyolite and rhyodacite composition. They appear to outcrop mainly to the south of the claim group.

Flow-banded rhyolite (Unit 2) lies mainly in the southwestern part of the claims. Typically the rock is gray to purplish gray in colour. Variations in colour and texture define a flow layering. This rock type is the most abundant rock type encountered in drilling.

Porphyritic rhyolite (Unit 3) outcrops throughout the greater part of the property. The rock is white to cream in colour and contains 10 to 20% gray quartz phenocrysts ranging from 0.5 to 1.5 millimetres in diameter and 0 to 20% white feldspar phenocrysts ranging in length from 0.5 to 3 millimetres.

Orbicular dacite (Unit 4) occurs in suboutcrops and rubble on the southern boundary of the DUK 2 claim. The rock is greenish gray in colour and contains orbicular structures which range from 1 to 3 centimetres in diameter.

Fine grained andesite and dacite (Unit 5) occur locally in float.

Well defined bedding or flow structures in the above units are not distinct. A few attitudes ranging from northwesterly to north-northeasterly with moderate easterly dips have been measured.

A coarser textured unit, tentatively classified as an argillized granite (Unit 6) has been mapped in several outcrops in the eastern part of the grid area.

Alteration and Mineralization

Mapping has revealed an area approximately two kilometres in diameter where the volcanic rocks have been argillized and quartz-veined. Because outcrops are not abundant, it has not been well mapped. It perhaps may extend northward onto claims being explored by Mingold Resources.

Intensity of argillization is variable. In some outcrops, the rhyolite has been completely argillized and in others, only the feldspar phenocrysts have been argillized. Feldspar phenocrysts commonly appear to have been altered and subsequently leached out, leaving a cavity with boxworks and linings of tiny quartz crystals. Minute molybdenite or

or hematite crystals and light blue fluorite? crystals have been noted locally in some of the cavities.

Quartz veins occur throughout the alteration zone. Abundance ranges from less than one per metre to about twenty per metre. The quartz is microcrystalline and has open drusy vugs. Vein widths range from 0.2 to 2.5 millimetres, although a few boulders of quartz up to 25 centimetres in diameter have been observed in float.

Quartz-cemented breccia has been found in float and subcrops in four separate localities and occurs in zones up to 7 metres wide in drill core. The breccia typically is comprised of 0.1 to 3 centimetres of altered rhyolite fragments in a fine grained quartz matrix which contains pyrite as fine disseminations and in scattered 1-3 millimetre clots.

Although pyrite is rare on surface, limonite is common as fracture and vug coatings throughout the alteration zone. Significant amounts of pyrite (up to 2 to 5%) were noted however in drill core, where it occurs in quartz veinlets and in quartz-cemented breccias.

Well developed quartz vein stockworks have been mapped in two areas on the property, although they may be part of a single larger zone. Unfortunately, outcrops are non-existent between the two areas. The southwestern zone is about 600 metres by 200 metres as defined by mapping float and outcrop. The northeastern zone is exposed in two outcrops near line 52, but float with abundant quartz veining occurs also 200 metres to the north. The two zones lie along and may be related to a northeast trending topographic lineament (fault?) shown on Figure 4a.

GEOCHEMICAL SURVEYS

Pre-1985 Sampling

Sample sites and selected results of reconnaissance soil and rock sampling carried out prior to 1985 are plotted on Figure 4c. 1980 samples were analyzed for seven elements including gold and arsenic and 1981 samples for gold only. Any anomalous values are plotted adjacent to sample sites.

1985 and 1988 Sampling

In 1985 and 1988 soil and rock sampling was carried out on selected lines on the DUK 1 and 2 claims (Figure 5a and 5b). Soil sampling was conducted on lines spaced 200 metres apart with sample sites at 25 or 50 metre intervals. Detailed sampling at closer spaced intervals was conducted in the vicinity of the southwest stockwork zone. Soils were sampled at a depth of at least 20 centimetres, well below the "A" horizon.

Soil material consisted of either rubbly rock fines or glacial till. Good soil samples were found to be difficult to collect in the southwestern part of the grid area, because only rubbly rock was encountered below the "A" horizon. Apparently glaciation had scoured clean much of the southwestern facing slopes, leaving bare rock which was subsequently broken up by frost action. Nevertheless, as much -40 mesh material as possible was collected and placed in Kraft paper bags. Gold analyses were carried out by standard atomic absorption techniques by Rossbacher Laboratory Ltd. of Burnaby, B.C.

Discussion

Results of soil and rock chip sampling to date indicate erratic, anomalous values of gold (up to 1500 parts per billion), silver (up to 17 ppm), zinc (up to 464 ppm) and arsenic (up to 210 ppm). All anomalous gold values from samples collected since 1985 are plotted along with sample sites on Figures 5a and 5b.

In the detailed area shown on Figure 5b, almost all outcrops contain anomalous gold values ranging from 20 to 1480 ppb. In contrast, all but a few samples of soil and rock rubble returned gold values less than 10 parts per billion. It is concluded that sampling of soils and rubbly rock will not be particularly useful in outlining mineralization targets. Budget restraints precluded obtaining multielement data; however, samples should be analyzed for gold pathfinder elements.

GEOPHYSICAL SURVEYS

In February 1988, a program of induced polarization surveys totalling 18 line kilometres was completed. Results of this work are summarized in

a separate report by D.R. MacQuarrie (see Appendix IV). The survey revealed widespread anomalous high chargeabilities with locally coincident resistivity anomalies. Anomalous areas are summarized on Figure 7.

DIAMOND DRILLING

During the period October 11-27, 1988, a program of diamond drilling was carried out on the Uduk Lake property. Drilling was contracted out to Drilcor Industries of Delta, B.C., who completed five holes totalling 360 metres of NDB size core (5.61 centimetres in diameter).

All five holes were spotted in the south central area of the property (Figures 4a and 4b) in a zone of argillic alteration, quartz veining and brecciation. The drilling was also designed to test an area of induced polarization anomalies.

Drill logs are presented in Appendix I, and drill sections on Figures 6a to 6j.

The following is a summary of each hole:

DDH U-88-1

The hole was spotted at 44+45N, 44+30W close to the site of three short 1986 holes. The purpose was to intersect the chargeability and resistivity highs in an area where previous sampling had indicated anomalous gold values in soils and rocks. The hole was drilled at an azimuth of 145° and a dip of -45° .

The dominant rock type in Hole U-88-1 is a flow banded rhyolite, which is moderately to strongly argillized. With the exception of a few minor quartz veins \pm pyrite zones, the significant section was a weakly brecciated flow banded rhyolite from 51.5 metres to 59.36 metres (169 feet to 194.4 feet). The bottom three metres contained a hematite and pyrite filled stockwork of quartz veining in a completely argillized rhyolite. Below this zone was a 16.54 metre zone of soft green clay which is interpreted to be a major fault structure.

DDH U-88-2

The hole was spotted at 43+85N, 45+30W. It was drilled at an azimuth of 140° and a dip of -45° . The target was the I.P. chargeability and resistivity anomaly in an area where a soil sample indicated a 540 parts per billion gold anomaly.

The dominant rock type found in hole U-88-2 was a flow banded rhyolite to rhyodacite becoming predominantly brecciated below 60 metres (197 feet). A 5.22 metre length of clay may correspond to the longer clay section in hole U-88-1. The depth of the zone in hole U-88-2, 72.98-78.2 metres, lies well within the 59.36-75.9 metres depth in hole U-88-1.

Strong sulphide mineralization was not encountered in the hole although minor amounts of pyrite were seen in quartz veins, often associated with local brecciation.

Square to tabular green apatite crystals were found throughout the core section giving an overall porphyry texture.

DDH U-88-3

The hole was spotted in the same location as hole U-88-2 but drilled in the opposite direction.

The dominant rock type in hole U-88-3 was again flow banded rhyolite. A number of sections were highly silicified either by veining or by a semi-pervasive "dirty" silicification of discrete zones of country rock. These latter zones often carried significant amounts of fine and coarse grained pyrite. A 12.8 metre zone was intersected beginning at a depth of 19.17 metres and consisted of flow banded rhyolite with strong "dirty" silicification carrying up to 5% pyrite locally and significant amounts of hematite. A 9.3 metre section immediately below carries similar silicification in lesser amounts.

DDH U-88-4

The hole was spotted at 43+30N, 45+75W along the western edge of the geophysical I.P. anomaly and still within the zone of abundant quartz veining. Azimuth was 320° and dip was -45° .

The dominant rock type in hole U-88-4 was again a flow banded rhyolite which had quartz laminations throughout the upper half and "dirty" semi-pervasive siliceous flooding in the lower half. Two zones carrying a significant amount of sulphides were between depths of 37.9 to 43.9 metres and 57.3 to 62.8 metres.

DDH U-88-5

The hole was spotted at 45+90N, 43+00W in an area of strong quartz veining in surface rhyolite outcrop. The site also fell in a northwest trending arm of the resistivity high. The azimuth was 135° and dip was -45° .


Flow banded and brecciated rhyolite with very strong quartz veining and associated pyrite and traces of chalcopyrite were found to a depth of 20 metres. From 33.1 metres to the end of the hole at 58.5 metres a quartz eye rhyolite with minor quartz stringers throughout + pyrite was observed.

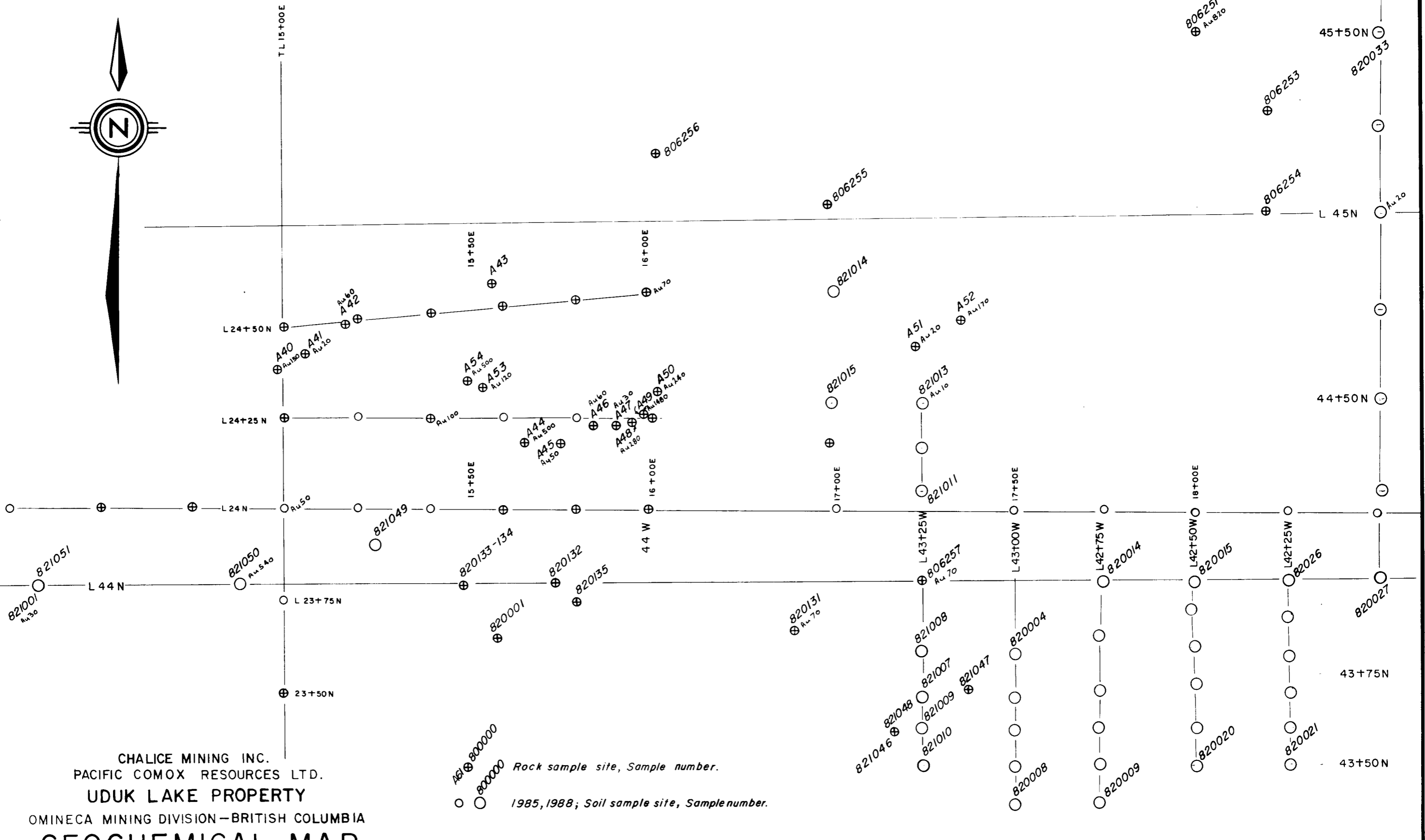
Analytical Results

All recovered drill core was split and sampled. A total of 122 samples were taken with the average sample being about three metres in length.

All drill core was split and analyzed for gold by atomic absorption analyses and for an additional 30 elements by inductively coupled plasma spectrometry. Analytical results are presented in Appendix II and selected elements plotted in profile form on Figures 6a to 6b. All holes are projected onto a single vertical plane for comparison purposes.

Inspection of the geochemical results reveals weakly to moderately anomalous amounts of gold (up to 1060 ppb or 0.03 ounces per ton over 3.3 metres), silver (up to 7.9 ppm), arsenic (up to 769 ppm), antimony (up to 32 ppm), bismuth (up to 10 ppm), molybdenum (up to 100 ppm) and tungsten (up to 17 ppm) throughout the holes. Highest values of gold, silver, arsenic and molybdenum appear to correlate with zones of more intense quartz pyrite veining.

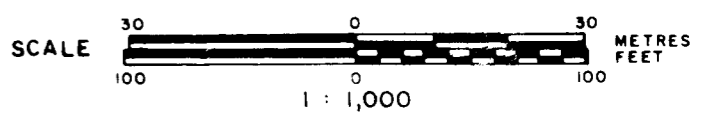




CHALICE MINING INC.
 PACIFIC COMOX RESOURCES LTD.
 UDUK LAKE PROPERTY
 OMINECA MINING DIVISION-BRITISH COLUMBIA
GEOCHEMICAL MAP
DETAIL AREA

④ 800000 Rock sample site, Sample number.
 ○ 800000 1985, 1988; Soil sample site, Sample number.

NOTE: Gold values plotted where greater than 10 parts per billion.
 1988 number series 800000.



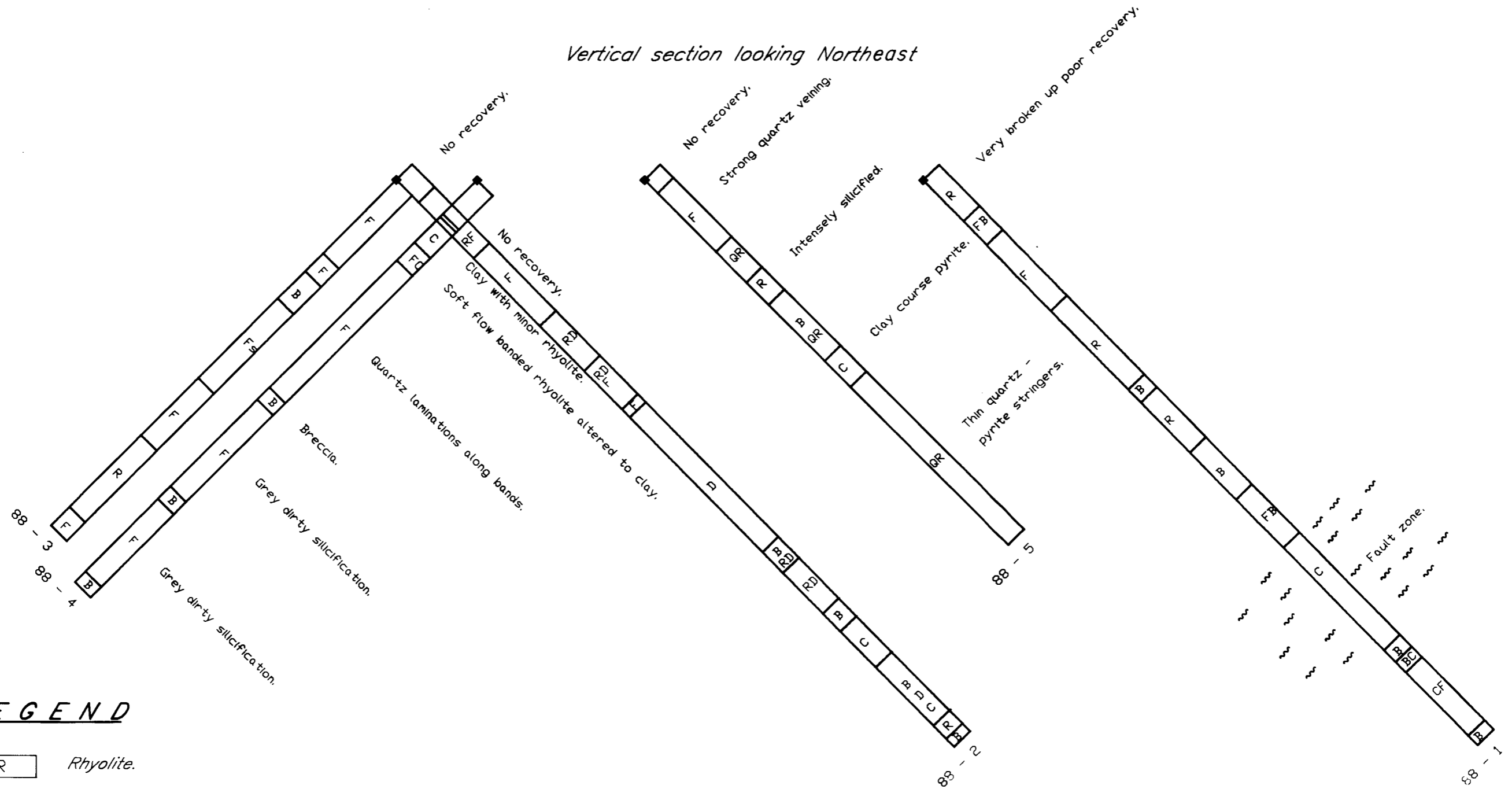
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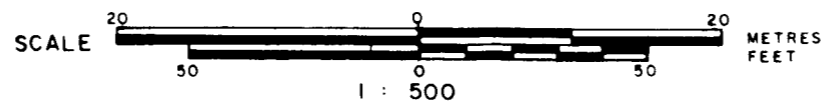

 FIGURE 5b

Vertical section looking Northeast



LEGEND

- R Rhyolite.
- F Flow banded rhyolite.
- B Breccia.
- C Clay.
- D Dacite.
- QR Quartz eye rhyolite.



CHALICE MINING INC.
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UDUK LAKE PROPERTY
 OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOLOGICAL SECTION

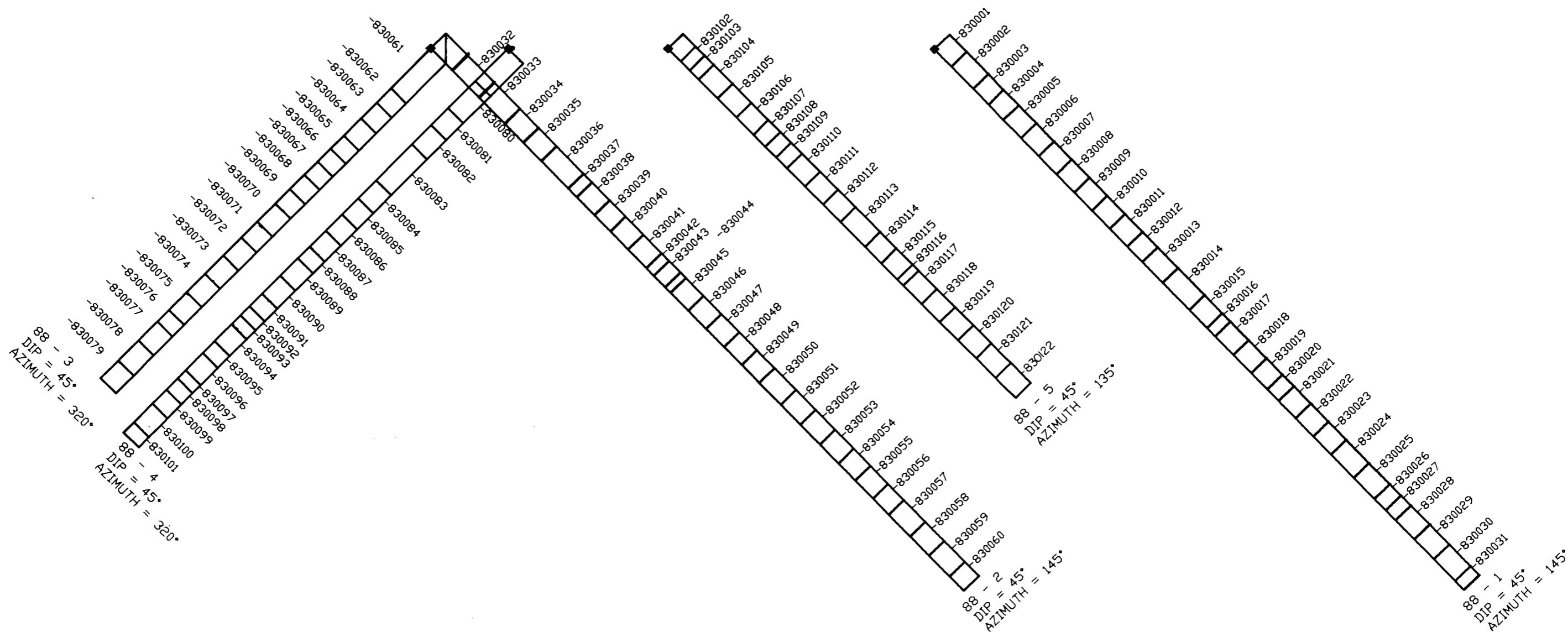
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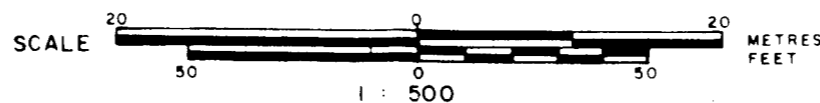
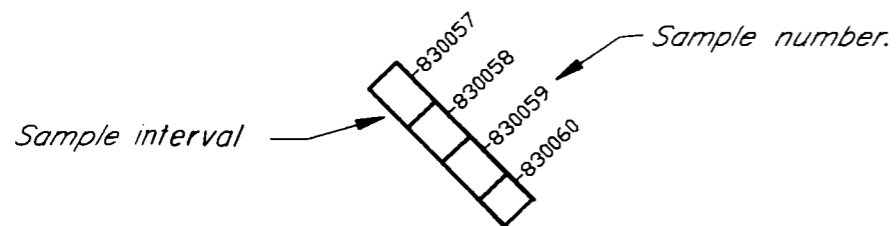
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FIGURE 6a

Vertical section looking Northeast



LEGEND



CHALICE MINING INC.
 PACIFIC COMOX RESOURCES LTD.
 UDUK LAKE PROPERTY
 OMINECA MINING DIVISION - BRITISH COLUMBIA

**DRILL HOLES 88-1 to 88-5
 GEOCHEMICAL PROFILES**

SAMPLE SITES

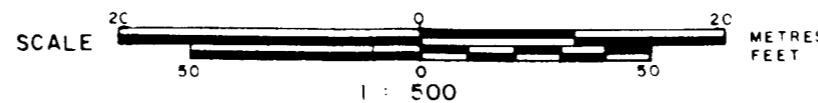
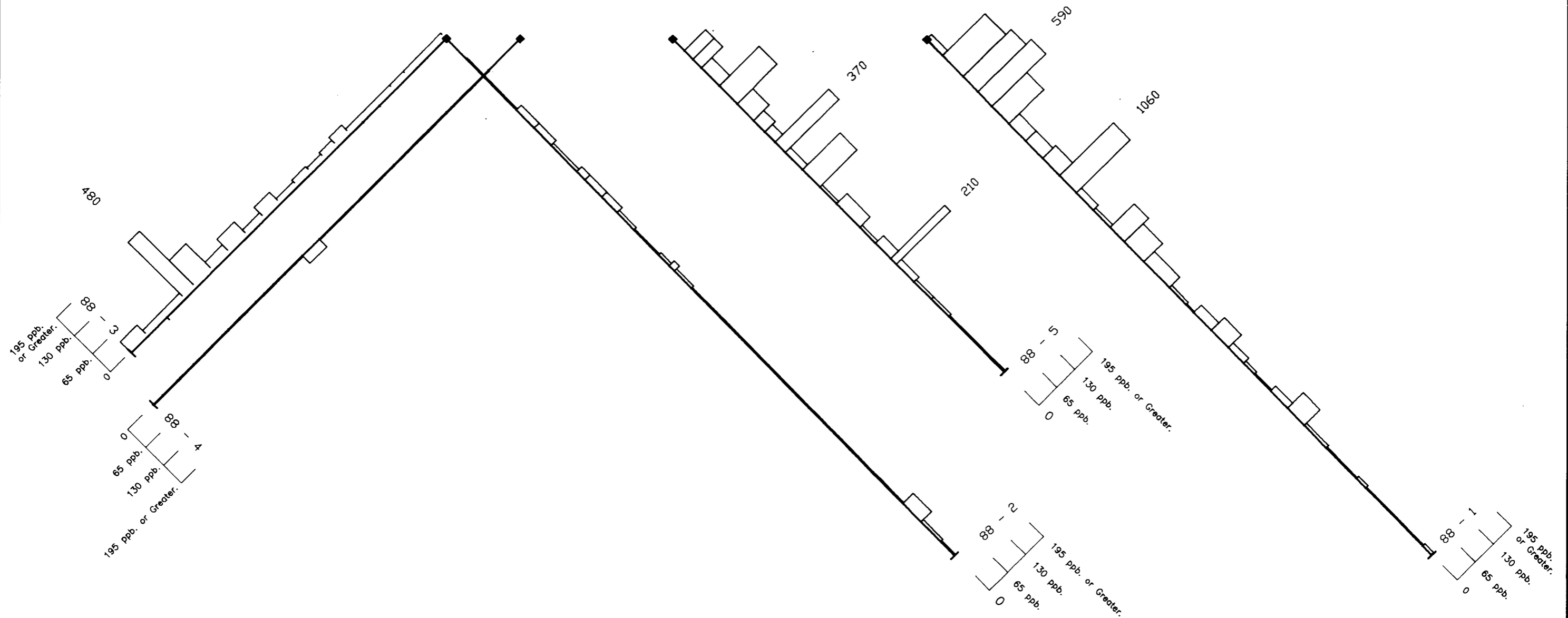


DATE: DECEMBER , 1988

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D. Brundage FIGURE 6b

Vertical section looking Northeast



CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES

GOLD

DATE: DECEMBER, 1988

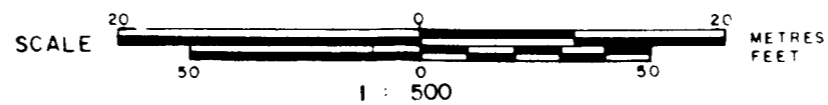
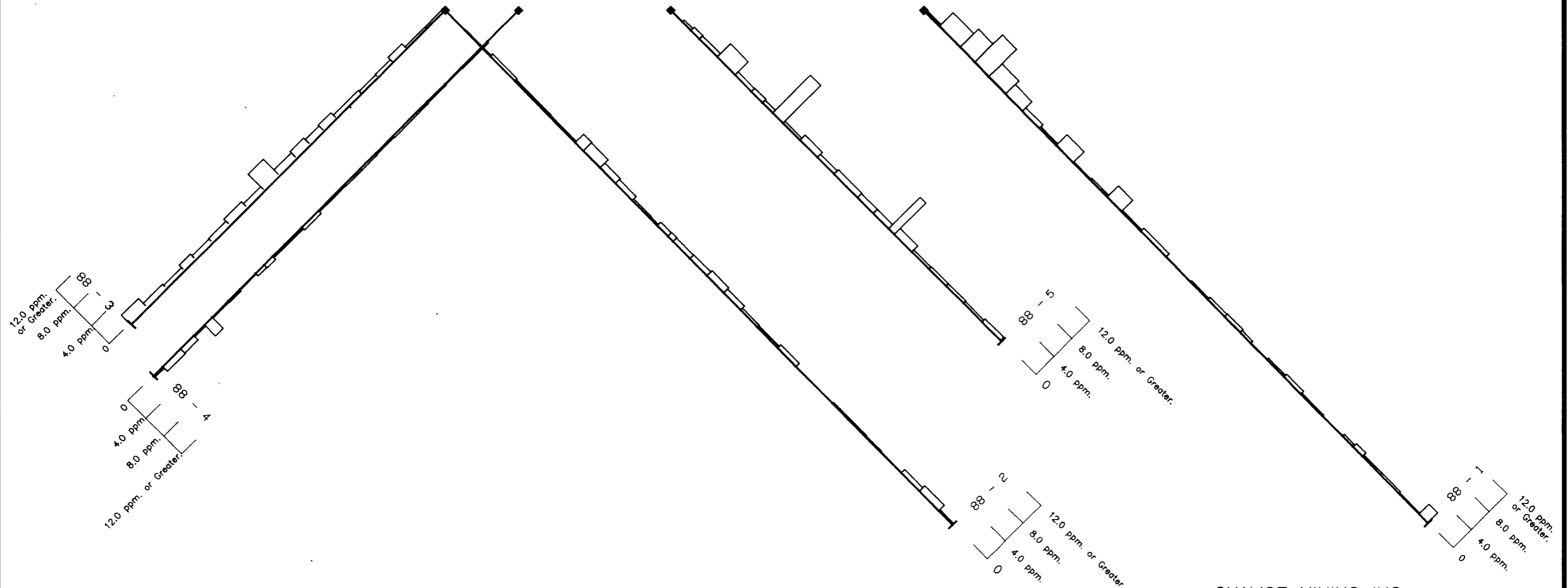
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D. Browlee

FIGURE 6C

Vertical section looking Northeast



CHAICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES

SILVER

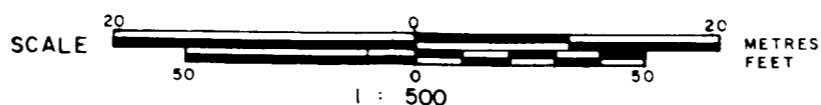
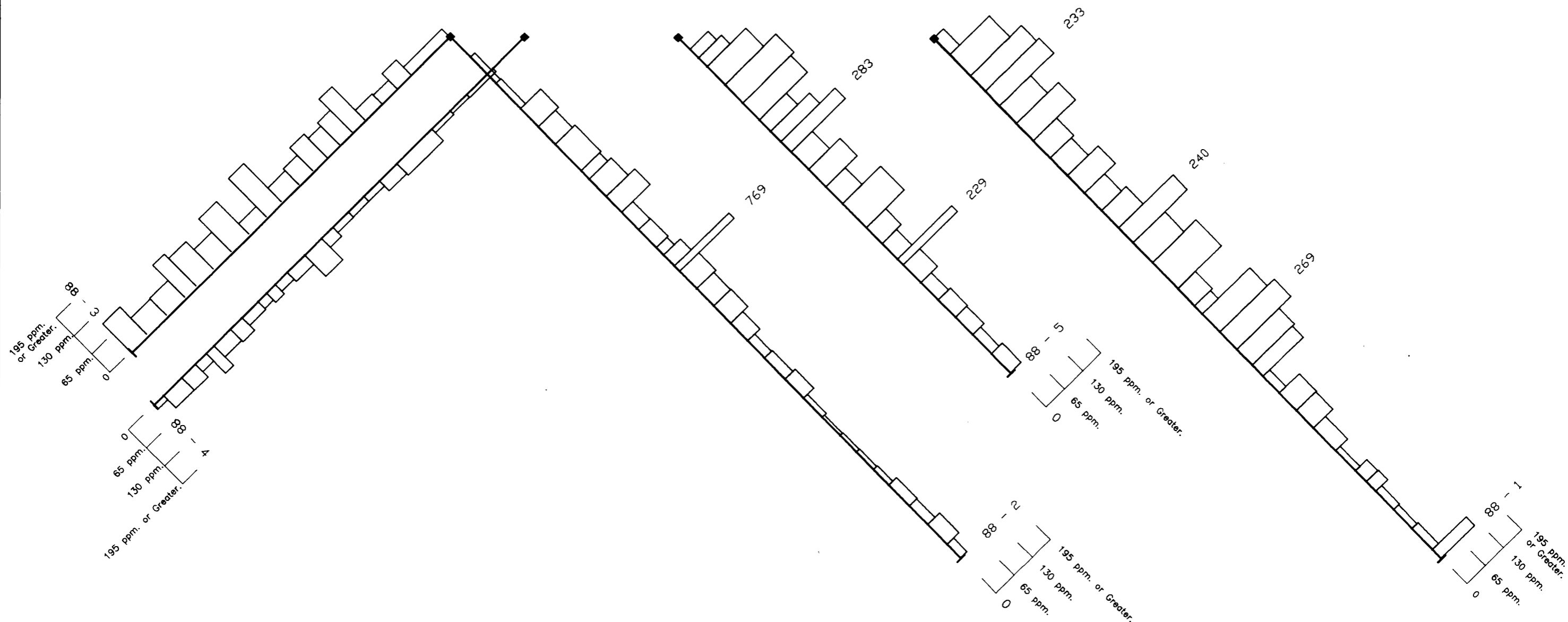
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N.T.S. 93 E / 9, F / 12

A&M exploration Ltd.

D. Brown FIGURE 6d

Vertical section looking Northeast



CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES

ARSENIC

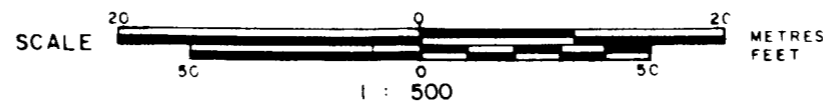
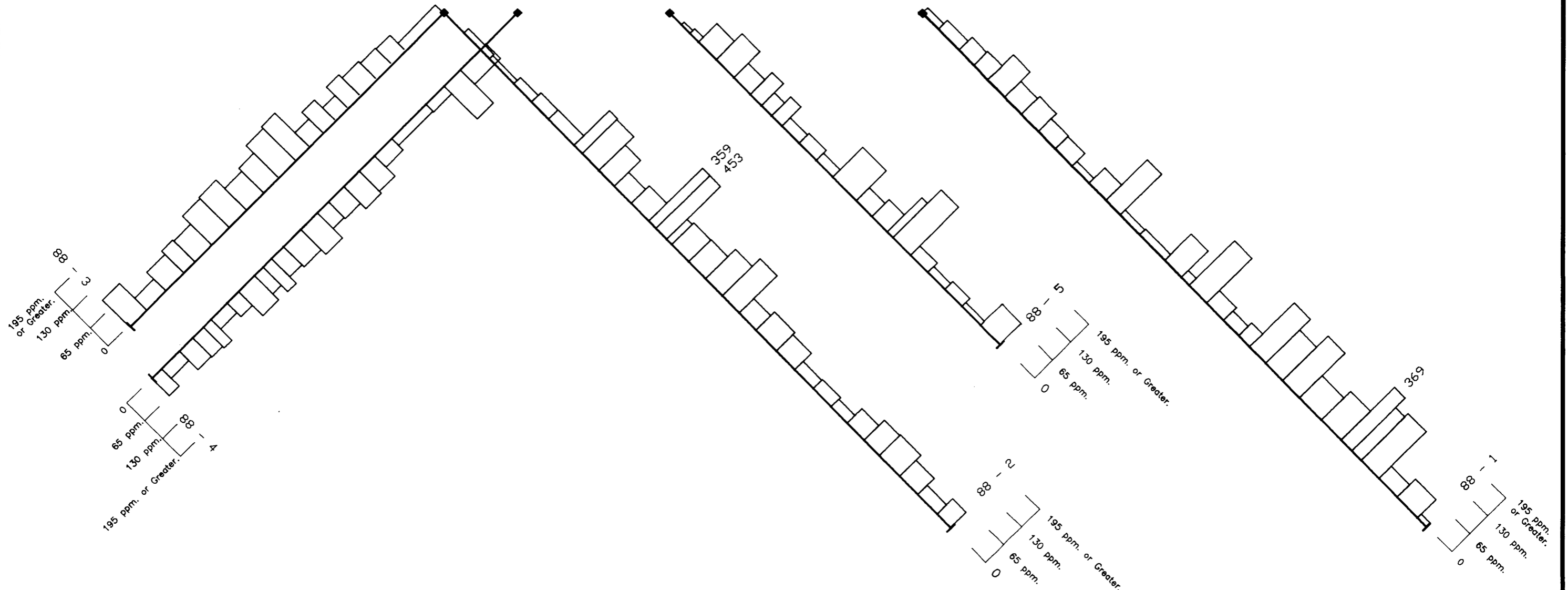
DATE: DECEMBER, 1988

N.T.S. 93 E / 9, F / 12



ABrowne FIGURE 6e

Vertical section looking Northeast



CHALICE MINING INC.
 PACIFIC COMOX RESOURCES LTD.
 UDUK LAKE PROPERTY
 OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
 GEOCHEMICAL PROFILES

ZINC

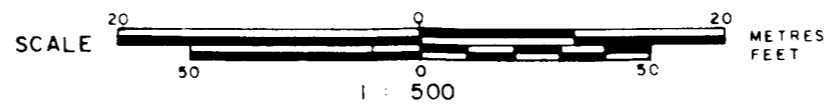
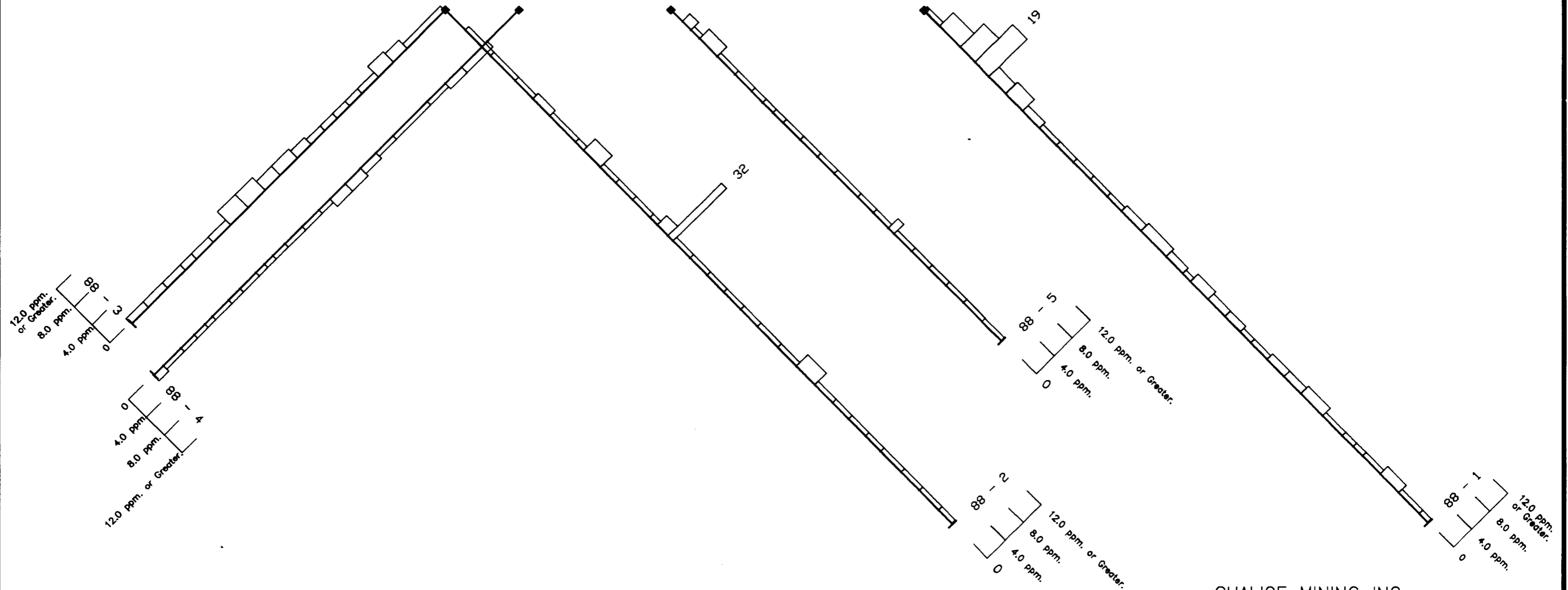
DATE: DECEMBER, 1988

N.T.S. 93 E / 9, F / 12



D. Brown FIGURE 6f

Vertical section looking Northeast



CHAICE MINING INC.
PACIFIC COMOX RESOURCES LTD.

UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES

ANTIMONY

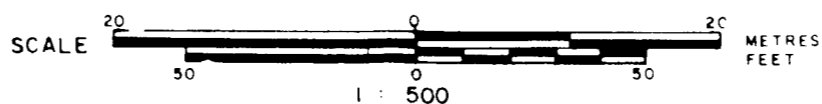
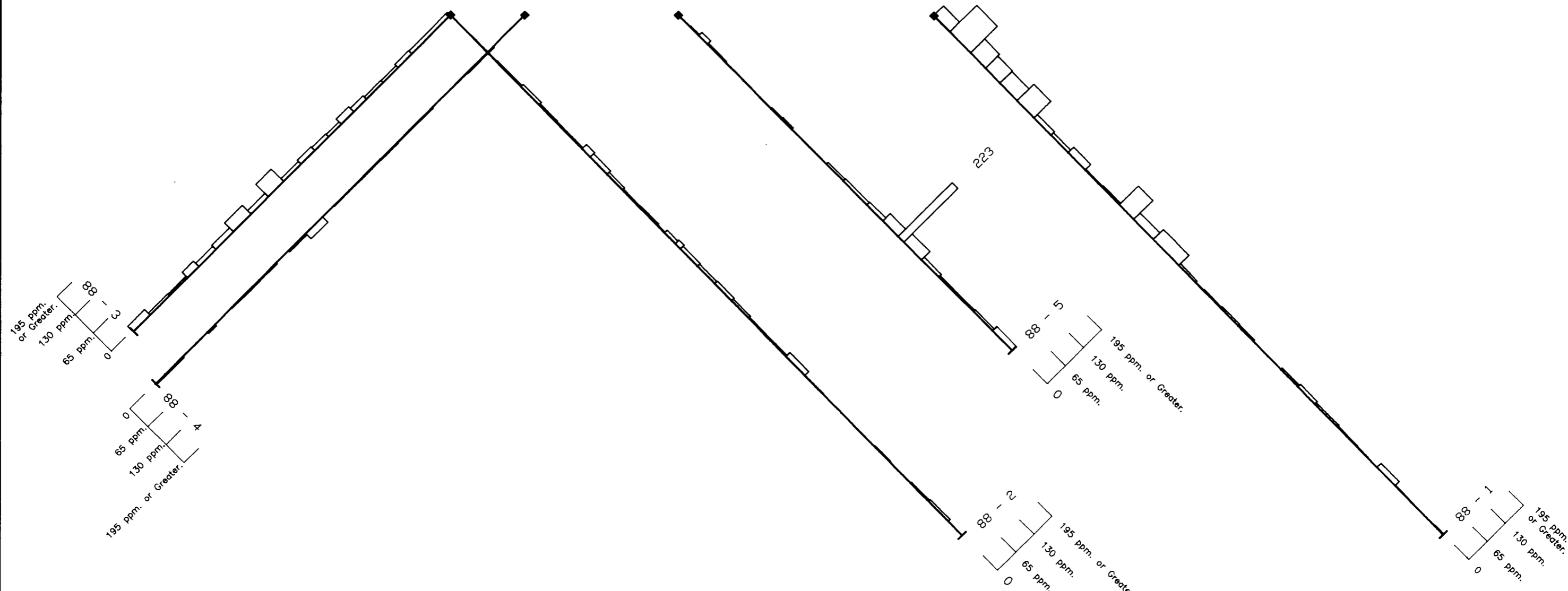
DATE: DECEMBER, 1988

N.T.S. 93 E / 9, F / 12



J. Brownlee FIGURE 6g

Vertical section looking Northeast



CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES

MOLYBDENUM

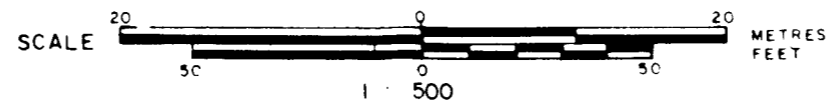
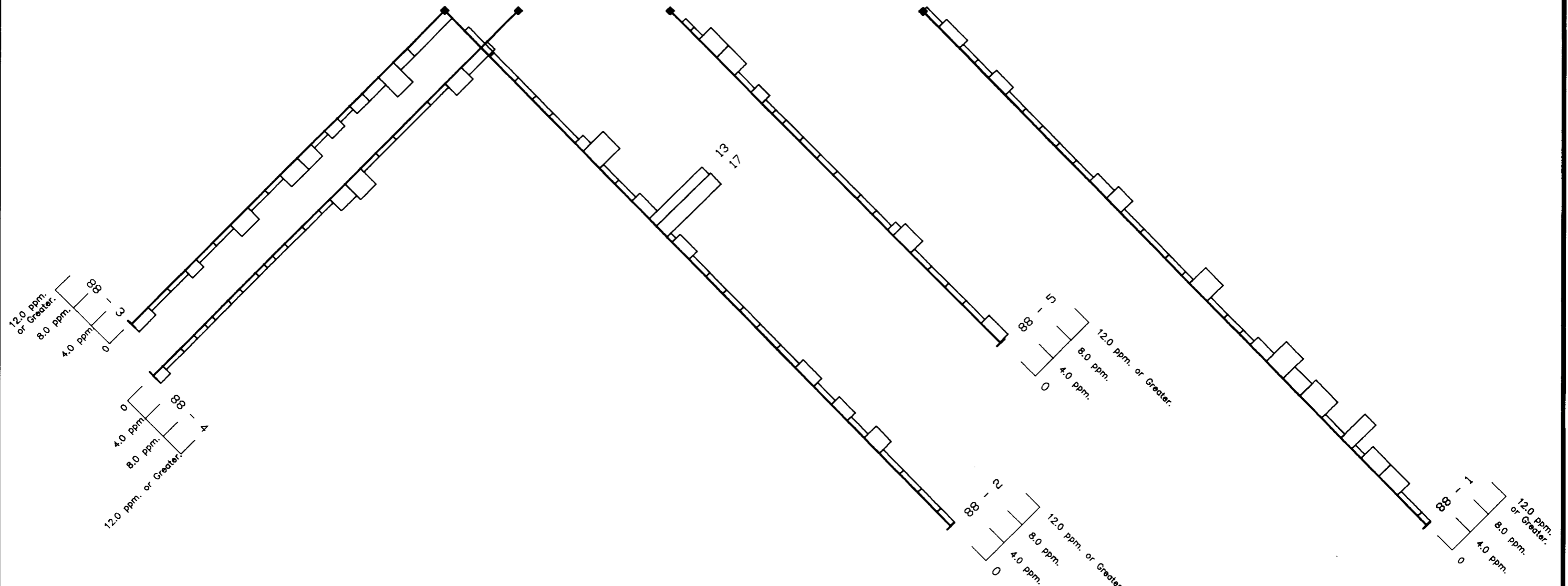
DATE: DECEMBER, 1988

N.T.S. 93 E / 9, F / 12



R. Brown FIGURE 6h

Vertical section looking Northeast



CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES
TUNGSTEN

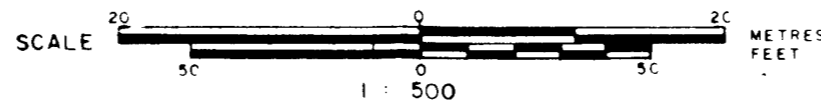
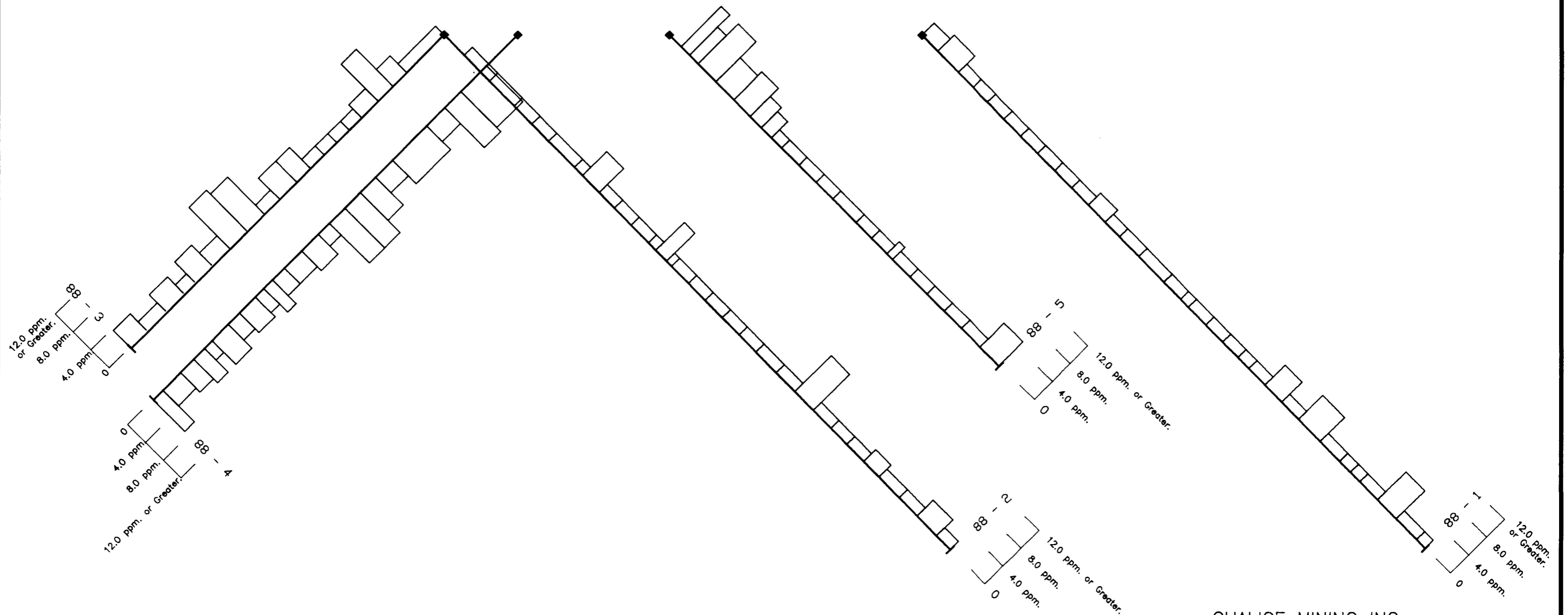
DATE: DECEMBER, 1988

N.T.S. 93 E / 9, F / 12



D. Browne FIGURE 6 i

Vertical section looking Northeast



CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

DRILL HOLES 88-1 to 88-5
GEOCHEMICAL PROFILES

BISMUTH

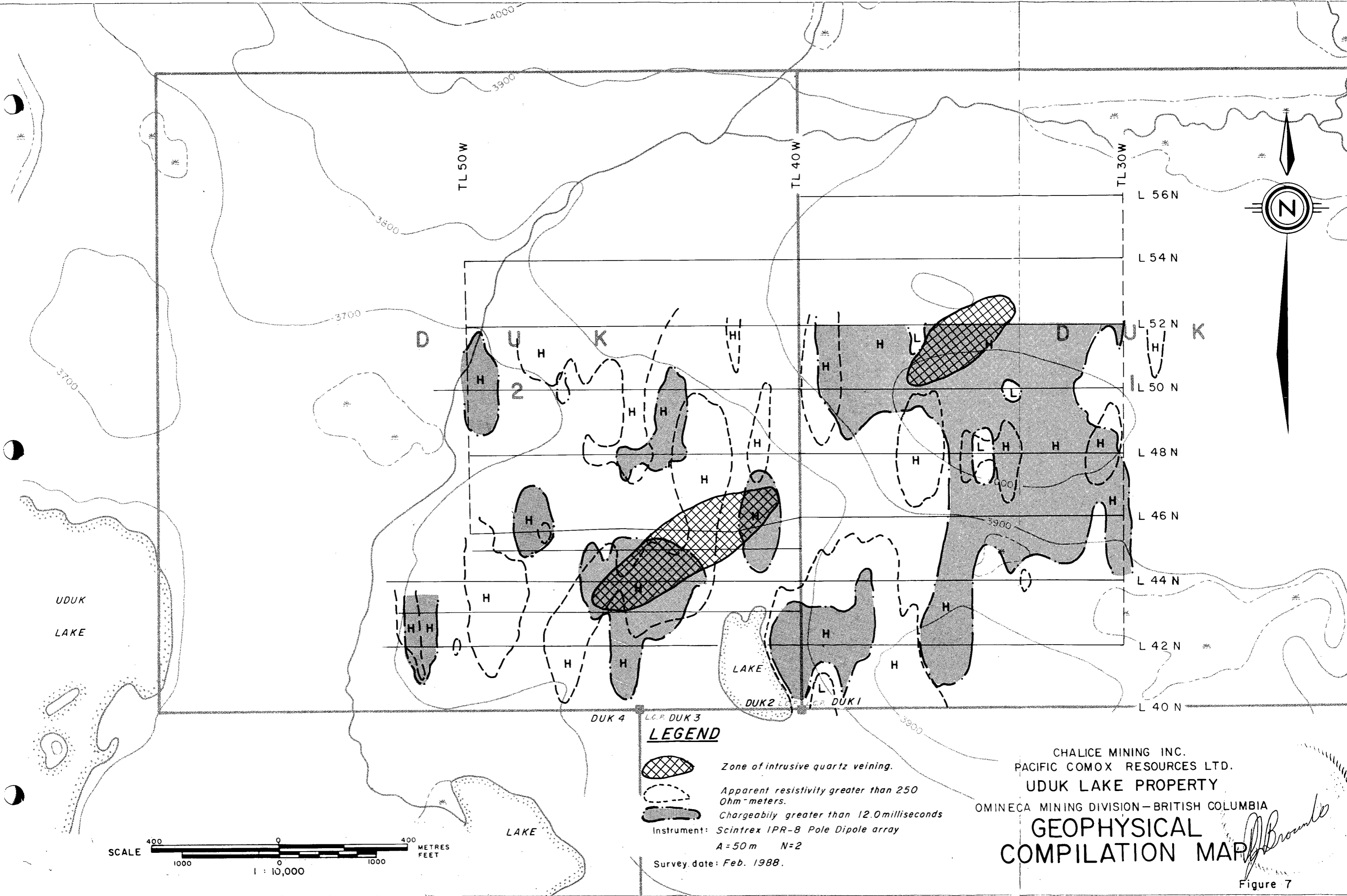
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N.T.S. 93 E / 9, F / 12

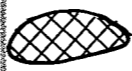

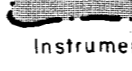


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FIGURE 6j



LEGEND

-  Zone of intrusive quartz veining.
 -  Apparent resistivity greater than 250 Ohm-meters.
 -  Chargeability greater than 12.0 milliseconds
- Instrument: Scintrex IPR-8 Pole Dipole array
 A = 50 m N = 2
 Survey date: Feb. 1988.

CHALICE MINING INC.
 PACIFIC COMOX RESOURCES LTD.
 UDUK LAKE PROPERTY
 OMINECA MINING DIVISION - BRITISH COLUMBIA
**GEOPHYSICAL
 COMPILATION MAP**

[Signature]
 Figure 7

CERTIFICATE

I, Douglas J. Brownlee, do hereby certify that:

1. I am a geologist residing at Suite 101, 2615 Lonsdale Avenue, North Vancouver, British Columbia.
2. I am a graduate in Geology Specialization from the University of Alberta (1980).
3. I have practised my profession in British Columbia since January, 1980.
4. I have not visited the Uduk Lake property. This report is based mainly on fieldwork carried out by D. Allen and J. Dunkley.
5. I have no interest nor do I expect to receive any, in Chalice Mining Inc., Comox Resources Ltd., or in the Uduk Lake property.
6. I consent to the use of this report and my name in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

December 30, 1988
Vancouver, B.C.



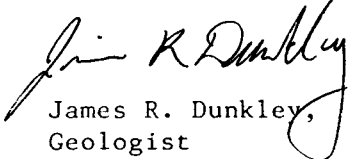
Douglas J. Brownlee,
P. Geol., F.G.A.C.

CERTIFICATE

I, James R. Dunkley, certify that:

1. I am a Consulting Geologist associated with A & M Exploration Ltd., with offices at #704-850 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia with a degree in Geology (B.Sc., 1984).
3. I have been practising my profession since 1980 in British Columbia and Manitoba.
4. This report is based on fieldwork carried out personally during the period October 11 to October 27, 1988 and on information listed under References.
5. I hold no interest, nor do I expect to receive any, in the DUK claims, Chalice Mining Inc. or in Pacific Comox Resources Ltd.
6. I consent to the use of this report in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

December 30, 1988
Vancouver, B.C.


James R. Dunkley,
Geologist

REFERENCES

- Allen, D. G. and MacQuarrie, D. R. (1985). Geological, Geochemical and Geophysical Report on the Uduk Lake Property, 1985 Assessment Report.
- Allen, G. M (1986). Geological and Diamond Drilling Report on the UDUK Lake Property.
- Woodsworth, G. J. (1980). Geology of Whitesail Lake (93E) Map-Area, B.C., Geol. Survey of Canada, Open File 708.

APPENDIX I

Drill Logs

LOCATION: Uduk Lake

PAGE: 1 of 3 HOLE NO. DDH U-88-1

AZIMUTH: 145°

PROPERTY: DUK 1-4 Claims

DIP: -45°

LENGTH: 91.1 metres ELEVATION:

CLAIM NO:

STARTED: Oct. 15, 1988

CORE SIZE: NDB

DATE LOGGED:

SECTION:

COMPLETED: Oct. 17, 1988

DIP TESTS: -

LOGGED BY: J. Dunkley

PURPOSE:

Metres		DESCRIPTION	Sample No.	Metres		Length Metres	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
0	6.6	Rhyolite; strong argillic alteration; cubic boxwork vugs; Fe staining in fractures; minor py.	830001	0	2.87	2.87	20	37	
			830002	2.87	6.6		160	147	
6.6	10.46	Flow banded rhyolite; brecciated; bands 30° to c/a; strong sulphide mineralization (py) in areas of local silicification.	830003	6.6	9.30		180	190	
			830004	9.30	11.89		590	233	
10.46	21.03	Flow banded rhyolite; bands 20° to c/a; strong argillic alteration; scattered quartz eyes; abundant euhedral apatite crystals; moderate quartz veining parallel to flow bands.	830005	11.89	14.94		130	115	
			830006	14.94	17.98		40	87	
			830007	17.98	21.03		40	78	
21.03	33.73	Rhyolite; moderate argillic alteration; weak to moderate quartz veining, thin veins and stringers; soft clay in fracture fillings; 1-3 mm hematite vein 80° to c/a at 23.65m; weak py. in quartz veins and disseminate crystals.	830008	21.03	24.08		50	113	
			830009	24.08	27.13		1060	74	
			830010	27.13	30.18		20	91	
			830011	30.18	33.22		10	240	
33.73	35.81	Rhyolite breccia; fragments 1 mm to 5 cm across; weak argillic alteration; strong quartz veining, veins up to 1.5 cm wide with up to 5% py.	830012	33.22	35.81	2.59	90	117	

LOCATION: Uduk Lake

AZIMUTH: 145°

PAGE: 2 of 3

HOLE NO. DDH U-88-1

PROPERTY: DUK 1-4 Claims

Metres from	to	DESCRIPTION	Sample No.	Metres from	to	Length	Au ppb	As ppm	Vein Dip To Axis
35.81	43.89	Quartz eye rhyolite; strong argillic alteration; abundant apatite crystals; coarse pyrite along fractures; fault gouge at 44.15m with > 5% coarse py; 35% recovery from 40.8 to 43.9m.	830013	35.81	39.32		70	117	
			830014	39.32	43.89		40	162	
43.89	51.51	Rhyolite breccia; moderate to strong argillic alteration; weak quartz veining; minor apatite; hematite at 44.8m.	830015	43.89	46.94		10	67	
			830016	46.94	48.36		5	60	
			830017	48.36	51.51		30	175	
51.51	59.26	Rhyolite; weakly flow banded; moderate argillic alteration, green colouration; scattered apatite crystals; disseminated py minor; epidote in some fractures; hematite with assoc. py in fractures 56.8-59.3m; 2% py 56-58.7m.	830018	51.51	54.56		50	269	
			830019	54.56	57.30		20	156	
			830020	57.30	59.26		10	148	
59.26	75.78	Clay, sludge; very soft; local rock remnants with siliceous veining and fracture filling; pyritic veins < 1mm width 1 per 20-30 cm; major fault zone.	830021	59.26	62.18		5	26	
			830022	62.18	65.23		20	74	
			830023	65.23	68.28		60	72	
			830024	68.28	72.24		10	45	
			830025	72.24	75.78		5	18	
75.78	77.72	Breccia; dark gray to black; green angular fragments 1mm to 3.5 mm across; minor disseminated py.	830026	75.78	77.72		5	43	
77.72	79.40	Rhyolite breccia; very soft, clayey, epidote in fractures; minor apatite.	830027	77.72	79.4		10	45	

LOCATION: Uduk Lake

AZIMUTH: 145°

PAGE: 3 of 3

HOLE NO. DDH U-88-1

PROPERTY: DUK 1-4 Claims

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
79.4	89.61	Clay; mottled light and medium gray and green; local sections of rock; coarse py. <10%; weak sericite.	830028	79.4	82.6		5	23	
			830029	82.6	85.95		5	20	
			830030	85.95	89.61		5	24	
89.61	91.14	Quartz eye rhyodacite; weak argillic alteration; coarse py. in fractures and disseminated; very fine grained and light coloured in lower section.	830031	89.61	91.14		10	124	

END OF HOLE

90% Recovery

LOCATION: Uduk Lake

PAGE: 1 of 3

HOLE NO. DDH U-88-2

AZIMUTH: 140°

PROPERTY: DUK 1-4 Claims

DIP: -45°

LENGTH: 91 metres ELEVATION:

CLAIM NO:

STARTED: Oct. 17, 1988

CORE SIZE: NDB

DATE LOGGED:

SECTION:

COMPLETED: Oct. 20, 1988

DIP TESTS: -

LOGGED BY: J. Dunkley

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
0	3.66	No core.							
3.66	12.65	Flow banded rhyolite; bands 35° to c/a; moderate argillic alteration; thin (up to 1mm) veins of hematite parallel to bands; Fe-staining throughout; abundant apatite crystals; minor py.	830032	3.66	8.23		5	17	
			830033	8.23	12.65		5	20	
12.65	23.55	Flow banded rhyolite; silicified along bands; bands 50°-65° to c/a; local pervasive silicification with assoc. brecciation; trace to minor py; disseminated hematite; abundant apatite; very soft rock 19.9-20.6m, clayey.	830034	12.65	15.85		20	75	
			830035	15.85	18.90		20	64	
			830036	18.90	23.55		10	74	
23.55	30.78	Rhyodacite; fine grained; medium to dark grey; altered (argillic) rhyolite fragments throughout; local silicification and quartz veins; clay 27.7-27-9m.	830037	23.55	25.0		20	69	
			830038	25.0	28.04		20	81	
			830039	28.04	30.78		20	105	
30.78	36.98	Porphyritic rhyodacite; mottled white-green-grey apatite phenocrysts; weak to moderate argillic alteration; weak flow banding 40° to c/a; moderate to strong silicification, veins and stringers up to 5mm wide, some vugs in veins; trace py in veins.	830040	30.78	33.83		10	42	
			830041	33.83	36.98		5	44	

LOCATION: Uduk Lake

PAGE: 2 of 3

HOLE NO. DDH U-88-2

AZIMUTH: 145°

PROPERTY: DUK 1-4 Claims

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
36.98	38.30	Flow banded rhyolite; bands 35°-40° to c/a; trace py; hematite in qtz stringers; abundant apatite crystals.	830042	36.98	38.30		5	40	
38.30	60.05	Dacite mottled grey and green; weak argillic alteration; moderate to strong qtz veining, assoc. py, assoc. local brecciation; abundant apatite crystals; intense silicification 38.3 to 40.2m; 1-2 py vein at 40.5m; drusy vugs at 48.5m; clay zone at 53.0m; 53.3-60.05 flow banding 20°-25° to c/a.	830043 830044 830045 830046 830047 830048 830049 830050	38.30 40.23 41.15 44.20 47.24 50.29 53.34 56.39	40.23 41.15 44.20 47.24 50.29 53.34 60.05		10 20 10 5 5 5 5	62 769 71 63 65 46 27 30	
60.05	63.40	Rhyodacite; breccia; angular to sub-rounded fragments; moderate argillic alteration increasing in intensity down-section; weak qtz veining; minor qtz eyes; apatite crystals.	830051	60.05	63.40		5	39	
63.40	69.95	Rhyodacite-latite; strong argillic alteration; apatite phenocrysts; clay from 63.4 to 65.5m.	830052 830053	63.40 66.75	66.75 69.95		5 5	16 10	
69.95	72.85	Rhyodacite; breccia; dark grey fragments 5mm to 5cm across; apatite; minor hematite.	830054	69.95	72.85		5	12	
72.85	78.64	Rhyodacite; strong argillic alteration, very clayey; weak Fe-stained zones; minor hematite.	830055 830056	72.85 75.90	75.90 78.66		5 5	13 16	

LOCATION: Uduk Lake

PAGE: 3 of 3

HOLE NO. DDH U-88-2

AZIMUTH: 145°

PROPERTY: DUK 1-4 Claims

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
78.64		Grey dacite breccia with rhyolite fragments; intensely argillized weak quartz veining.	830057	78.66	82.32		5	30	
			830058	82.32	85.57		40	28	
			830059	85.57	89.05		10	45	
78.64	91.46	Rhyolite; light green; intensely argillized; weakly to moderately brecciated; trace of pyrite.	830060	89.05	91.46		5	25	

END OF HOLE

91% Recovery

LOCATION: Uduk Lake

AZIMUTH: 320°

DIP: -45°

STARTED: Oct. 21, 1988

COMPLETED: Oct. 22, 1988

LENGTH: 55.78 metres ELEVATION:

CORE SIZE: NDB DATE LOGGED:

DIP TESTS: -

PAGE: 1 of 2 HOLE NO. DDH U-88-3

PROPERTY: DUK 1-4 Claims

CLAIM NO:

SECTION:

LOGGED BY: J. Dunkley

PURPOSE

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
0	11.79	Rhyolite - white to light gray; strong argillic alteration throughout, soft and crumbly; apatite phenocrysts throughout; moderate quartz veining, generally 60° to c/a; Fe staining throughout; disseminated hematite throughout; 50% recovery through 8.2m.	830061	0	6.71		5	26	
			830062	6.71	9.14		5	53	
			830063	9.14	11.79		5	29	
11.79	14.71	Flow banded rhyolite; bands 40° to c/a; moderate argillic alteration; quartz eyes and apatite throughout; minor hematite in quartz veining parallel to banding; minor py.; small vugs associated with fracturing.	830064	11.79	14.71		5	34	
14.71	19.13	Rhyolite; breccia; silicified; rhyolite and quartz fragments in a silica matrix, fragments 1 mm to 5mm across (rhyolite) and 1mm to 3cm across (quartz); quartz eyes and apatite phenocrysts throughout; secondary amphiboles with associated fine py. in blebs common; minor py.; vugs with associated Fe staining.	830065	14.71	16.92		5	121	
			830066	16.92	19.13		20	80	

LOCATION: Uduk Lake

AZIMUTH: 320°

PAGE: 2 of 2 HOLE NO. DDH U-88-3

PROPERTY: DUK 1-4 Claims

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
19.13	31.95	Flow banded rhyolite; silicified; bands 40° to c/a; dark gray silicious zones in a light gray host rock; quartz veining parallel to banding; narrow (0.1 mm) hematite bands associated with flow bands; quartz eyes and apatite phenocrysts throughout; 20.4m to 22.3m zone with > 10% hematite, minor py.; 22.6m to 24.0m zone of intense quartz veining (stockwork); 24.6m to 26.5m silicious zone, 1-2% py.; 26.5m to 28.4m, 2-5% hematite.	830067	19.13	21.34		10	68	
			830068	21.34	23.78		5	84	
			830069	23.78	26.21		10	57	
			830070	26.21	29.26		5	50	
			830071	29.26	31.95		30	140	
31.95	41.20	Flow banded rhyolite; bands 55°-70° to c/a; very weak argillic alteration; moderate silicification locally; minor quartz stringer stockworks with associated country rock brecciation; apatite crystals throughout; hematite in thin (0.5 mm) bands parallel to flow banding; minor py.; 35m to 36m 2-5% hematite; 36 to 36.2 drusy vugs, 1-3mm diameter.	830072	31.95	35.0		10	38	
			830073	35.0	38.1		40	120	
			830074	38.1	41.20		20	72	
41.20	52.78	Quartz eye rhyolite; weak local flow banding, 40°-45° to c/a; disseminated fine py., locally in blebs up to 5mm across (rare); minor hematite; minor amphiboles; 45.7m to 46.1m, 15-20% coarse py.; 49.8m to 52.8m zone of intense quartz veining, stockwork of veins 0.5mm to 2.0mm wide parallel to subparallel to c/a.	830075	41.20	44.20		90	101	
			830076	44.20	46.18		480	117	
			830077	46.18	49.38		10	61	
			830078	49.38	52.78		10	59	
52.78	55.78	Flow banded rhyolite; bands 20°-25° to c/a; weak argillic alteration; apatite phenocrysts; trace py.; minor epidote; minor vugs.	830079	52.78	55.78		30	100	

END OF HOLE

92% Recovery

LOCATION: Uduk Lake

PAGE: 1 of 2 HOLE NO. DDH U-88-4

AZIMUTH: 320

PROPERTY: DUK 1-4 Claims

DIP: -45 LENGTH: 64.92 metres ELEVATION:

CLAIM NO:

STARTED: Oct. 22, 1988 CORE SIZE: DATE LOGGED: Oct. 23, 1988

SECTION:

COMPLETED: Oct. 23, 1988 DIP TESTS: -

LOGGED BY: J. Dunkley

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
0	5.49	No recovery.							
5.49	10.06	Clay, white-gray to orange; some quartz eye rhyolite; recovery of 30-40%.	830080	5.49	10.06		5	13	
10.06	12.93	Flow banded rhyolite; bands 40° to c/a; very soft, clayey; minor hematite; minor Fe staining.	830081	10.06	12.93		5	11	
12.93	33.50	Rhyolite; 50% flow banded; moderate argillic alteration; bands 30°-55° to c/a; quartz laminations along bands; apatite phenocrysts locally; local Fe staining; minor py., hematite; 12.9m to 13.9m orbicular rhyolite, nodules 2-8mm in length; 17.2m to 19.6m zone of intense fracturing, 0°-30° to c/a; Fe staining throughout, disseminated hematite; 26.8m silicified zone with vugs.	830082 830083 830084 830085 830086 830087 830087B	12.93 16.15 19.20 22.25 25.30 28.04 30.78	16.15 19.20 22.25 25.30 28.04 33.50		5 5 5 5 5 5	15 44 38 20 20 21	
33.50	35.46	Rhyolite; breccia; fragments 1mm-8mm across; weak argillic alteration; minor hematite; trace py.; clay filled fractures.	830088	33.50	35.46		5	34	
35.96	49.48	Flow banded rhyolite; bands 45°-55° to c/a; moderate argillic alteration; dark gray silicified zones common; 37.5m to 38.3m silicified zone with py. blebs up to 3mm across; 43.4m to 43.6m zone with 4% py.; 44.2m py. bleb 1.5cm across.	830089 830090 830091 830092 830093 830094	35.46 38.40 41.45 43.59 45.11 46.63	38.40 41.45 43.59 45.11 46.63		30 5 5 5 5	80 35 27 36 27 30	

LOCATION: Uduk Lake
 AZIMUTH: 320°

PAGE: 2 of 2 HOLE NO. DDH U-88-4
 PROPERTY: DUK 1-4 Claims

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
49.48	51.51	Rhyolite; breccia; moderate argillic alteration; subhedral apatite crystals; trace py.; trace hematite.	830095	49.48	51.51		5	48	
51.51	63.20	Flow banded rhyolite; bands 35° to c/a; "dirty" gray silicification zones throughout with associated py.; intense quartz veining, 1 per 5 cm, with associated local brecciation; hematite disseminated and in stringers; moderate fracturing, 45° to c/a, with clays in fractures; 6cm wide zone of sulphides, py., at 45° to c/a between 54.4m and 55.8m; 57.8m to 63.2m pyritic zone, 2-5% py.; 58.1m 2cm zone, 35° to c/a, 50-60% py.; 63.2m 1cm vein, 5% py.	830096	51.51	54.41		5	43	
			830097	54.41	55.78		5	74	
			830098	55.78	57.68		5	29	
			830099	57.68	60.05		5	48	
			830100	60.05	63.20		5	47	
63.20	64.92	Rhyolite; light gray to green; weak quartz stockwork system; weak to moderate argillic alteration; minor hematite, to 1%.	830101	63.20	64.92		5	17	

END OF HOLE

90 % Recovery

LOCATION: Uduk Lake

AZIMUTH: 135°

DIP: LENGTH: 58.84m ELEVATION:

STARTED: Oct. 24, 1988 CORE SIZE: NDB DATE LOGGED: Oct. 25, 1988

COMPLETED: Oct. 25, 1988 DIP TESTS: -

PAGE: 1 of 2 HOLE NO. DDH U-88-5

PROPERTY: DUK 1-4 Claims

CLAIM NO:

SECTION:

LOGGED BY: J. Dunkley

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
0	2.13	No core.							
2.13	11.53	Flow banded rhyolite; banding 60°-70° to c/a; intensely silicified throughout, quartz laminations along bands and at 15°-30° to c/a; quartz veins 1 per cm with significant py., trace cpy; minor hematite; weak to moderate argillic alteration; 2.13m to 3.7m quartz bonded breccia, Fe staining throughout; 3.73m 3.5cm wide white qtz vein, 40° to c/a, with 2 py. stringers, assoc. brecciation below vein, Fe staining; 8.8m fracture 15° to c/a, with epidote, coarse py. crystals (1-15mm across).	830102	2.13	3.66		80	68	
			830103	3.66	5.18		80	86	
			830104	5.18	8.36		40	145	
			830105	8.35	11.53		150	190	
11.53	16.48	Rhyolite; weak flow banding at 55° to c/a; moderate argillic alteration; weak to moderate silicification with associated local brecciation; minor py.; trace hematite.	830106	11.53	14.48		60	178	
			830107	14.48	16.48		40	101	
16.48	20.12	Flow banded rhyolite; band 45° to c/a; qtz veining along bands; intensely silicified throughout; significant py in veins and stockworks, up to 5% locally; minor hematite; trace cpy; minor epidote in fractures; 19.0m py bleb 2.4cm across 0.5-0.75cm wide with hematite.	830108	16.48	18.29		30	144	
			830109	18.29	20.12		370	283	

LOCATION: Uduk Lake

AZIMUTH:

PAGE: 2 of 2

HOLE NO. DDH U-88-5

PROPERTY: DUK 1-4 Claims

Metres		DESCRIPTION	Sample No.	Metres		Length	Au ppb	As ppm	Vein Dip To Axis
from	to			from	to				
20.12	29.16	Quartz eye rhyolite breccia; irregular sized fragments 2-25mm across, 5-56mm mean size; argillic alteration of fragments; silica and rhyolite banding; weak qtz veining; 24.2 to 24.5m 3 fractures 80°-90° to c/a with coarse py crystals and numerous assoc. py filled stress fractures 90° to c/a, 1-3cm long; 26.7m to 29.2m very soft clayey zone with disseminated coarse py, fault zone?	830110	20.12	23.17		20	79	
			830111	23.17	26.22		140	117	
			830112	26.22	29.17		10	73	
29.16	33.32	Clay; grey to green; minor epidote; coarse py disseminated throughout; fault zone.	830113	29.17	33.33		40	141	
33.32	58.84	Quartz eye rhyolite; quartz eyes generally 0.5-1mm in size; generally unaltered, local exceptions; very weak quartz veining; minor py disseminated and in fractures; moderate fracturing 45° ± to c/a; minor drusy quartz vugs; 36.0m 2 qtz stringers (1mm wide), 60° and trace cpy; 38.9m to 39.9m soft darker rock, many qtz stringers, 1-2% py over section; 46.9-47.2m stringers with up to 25% py, 48.4-49.1m qtz breccia zone, vuggy minor py; 57.3-58m coarse breccia qtz vein zone with fine py < 1%.	880114	33.33	36.13		10	72	
			880115	36.13	38.87		30	54	
			880116	38.87	39.88		210	229	
			880117	39.88	42.99		20	62	
			880118	42.99	46.04		10	39	
			880119	46.04	49.09		10	46	
			880120	49.09	52.13		5	43	
		880121	52.13	55.49		5	30		
		880122	55.49	58.84		5	40		

END OF HOLE

92% Recovery

APPENDIX II
Analytical Results

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

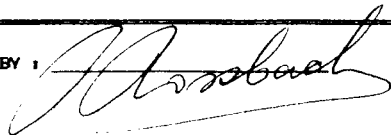
TO : A&M EXPLORATION LTD.
 #714-850 W. HASTINGS ST.
 VANCOUVER, B.C.
 PROJECT : UDUK
 TYPE OF ANALYSIS : GEOCHEMICAL

2225 S. Springer Ave., Burnaby,
 British Columbia, Can. V5B 3M1
 Ph: (604)299-6910 Fax: 299-6252

CERTIFICATE # : 88321
 INVOICE # : 90061
 DATE ENTERED : 88-11-04
 FILE NAME : A&M88321.G
 PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au
A	830 040	10
A	830 041	5
A	830 042	5
A	830 043	10
A	830 044	20
A	830 045	10
A	830 046	5
A	830 047	5
A	830 048	5
A	830 049	5
A	830 050	5
A	830 051	5
A	830 052	5
A	830 053	5
A	830 054	5
A	830 055	5
A	830 056	5
A	830 057	5
A	830 058	40
A	830 058B	10
A	830 060	5
A	830 061	5
A	830 062	5
A	830 063	5
A	830 064	5
A	830 065	5
A	830 066	20
A	830 067	10
A	830 068	5
A	830 069	10
A	830 070	5
A	830 071	20
A	830 072	10
A	830 073	40
A	830 074	20
A	830 075	20
A	830 076	400
A	830 077	10
A	830 078	10

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

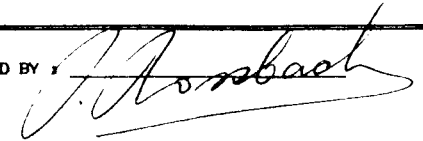
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 #714-850 W. HASTINGS ST.
 VANCOUVER, B.C.
 PROJECT : UDUK
 TYPE OF ANALYSIS : GEOCHEMICAL

2225 S. Springer Ave., Burnaby,
 British Columbia, Can. V5B 3M1
 Ph: (604)299-6910 Fax: 299-6252

CERTIFICATE # : 88321
 INVOICE # : 90061
 DATE ENTERED : 88-11-04
 FILE NAME : A&M88321.G
 PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
A	830 001	20
A	830 002	160
A	830 003	180
A	830 004	590
A	830 005	130
A	830 006	40
A	830 007	40
A	830 008	50
A	830 009	1060
A	830 010	20
A	830 011	10
A	830 012	90
A	830 013	70
A	830 014	40
A	830 015	10
A	830 016	5
A	830 017	30
A	830 018	50
A	830 019	20
A	830 020	10
A	830 021	5
A	830 022	20
A	830 023	60
A	830 024	10
A	830 025	5
A	830 026	5
A	830 027	10
A	830 028	5
A	830 029	5
A	830 030	5
A	830 031	10
A	830 032	5
A	830 033	5
A	830 034	20
A	830 035	20
A	830 036	10
A	830 037	20
A	830 038	20
A	830 039	20

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
 #714-850 W. HASTINGS ST.
 VANCOUVER, B.C.
 PROJECT : UDUK
 TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88321
 INVOICE # : 90061
 DATE ENTERED : 88-11-04
 FILE NAME : A&M88321.G
 PAGE # : 4

2225 S. Springer Ave., Burnaby,
 British Columbia, Can. V5B 3R1
 Ph: (604)299-6910 Fax: 299-6252

PRE FIX	SAMPLE NAME	PPB Au
A	830 118	10
A	830 119	10
A	830 120	5
A	830 121	5
A	830 122	5

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

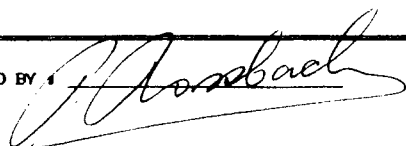
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 #714-850 W. HASTINGS ST.
 VANCOUVER, B.C.
 PROJECT : UDUK
 TYPE OF ANALYSIS : GEOCHEMICAL

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 PAGE # : 3

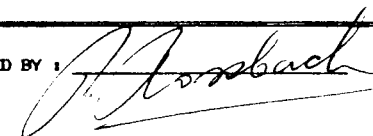
2225 S. Springer Ave., Burnaby,
 British Columbia, Can. V5B 3R1
 Ph: (604)299-6910 Fax: 299-6252

PRE FIX	SAMPLE NAME	PPB Au
A	830 079	30
A	830 080	5
A	830 081	5
A	830 082	5
A	830 083	5
A	830 084	5
A	830 085	5
A	830 087	5
A	830 087B	5
A	830 088	5
A	830 089	30
A	830 090	5
A	830 091	5
A	830 092	5
A	830 093	5
A	830 094	5
A	830 095	5
A	830 096	5
A	830 097	5
A	830 098	5
A	830 099	5
A	830 100	5
A	830 101	5
A	830 102	80
A	830 103	80
A	830 104	40
A	830 105	150
A	830 106	60
A	830 107	40
A	830 108	30
A	830 109	570
A	830 110	20
A	830 111	140
A	830 112	10
A	830 113	40
A	830 114	10
A	830 115	30
A	830 116	210
A	830 117	20

CERTIFIED BY :



CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3R1 Ph: (604) 299-8918 Fax: 299-8252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD. #714-850 W. HASTINGS ST. VANCOUVER, B.C. PROJECT : UDUK TYPE OF ANALYSIS : ICP

CERTIFICATE # : BB321 INVOICE # : 90081 DATE ENTERED : 88-11-15 FILE NAME : A&MBB321.1 PAGE # : 1

Table with columns: PRE FILE, SAMPLE NAME, and various chemical elements (NB, CU, PB, ZN, AG, NI, CO, NI, FE, AG, U, AU, Hg, SR, CD, SB, BI, V, CA, P, LA, CR, NB, BA, TI, S, AL, NA, SI, B, BE). Rows include sample IDs like 830 001, 830 002, etc.

CERTIFIED BY :

Handwritten signature of J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3R1 Ph: (604) 299-8918 Fax: 299-8252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD. #714-850 W. HASTINGS ST. VANCOUVER, B.C. PROJECT : UDUK TYPE OF ANALYSIS : ICP

CERTIFICATE # : BB321 INVOICE # : 90081 DATE ENTERED : 88-11-15 FILE NAME : A&MBB321.1 PAGE # : 2

Table with columns: PRE FILE, SAMPLE NAME, and various chemical elements (NB, CU, PB, ZN, AG, NI, CO, NI, FE, AG, U, AU, Hg, SR, CD, SB, BI, V, CA, P, LA, CR, NB, BA, TI, S, AL, NA, SI, B, BE). Rows include sample IDs like 830 041, 830 042, etc.

CERTIFIED BY :

Handwritten signature of J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby, British Columbia, Can. T5B 3R1 Ph: (604)299-8010 Fax: 299-8252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD. #714-850 W. HASTINGS ST. VANCOUVER, B.C. PROJECT : UDUK TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88321 INVOICE # : 90001 DATE ENTERED : 88-11-15 FILE NAME : A&M88321.1 PAGE # : 3

Table with columns: PRE FILE, SAMPLE NAME, and various chemical elements (Pb, Cu, Fe, Ni, Co, Mn, Zn, Cd, Ag, Au, Hg, Sr, Cr, Sb, Bi, V, Ca, P, La, Ce, Nd, Sm, Ti, B, Al, Si, Ni, Be). Rows contain sample IDs like 830 061 to 830 120 with associated numerical data.

CERTIFIED BY : [Signature]

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby, British Columbia, Can. T5B 3R1 Ph: (604)299-8010 Fax: 299-8252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD. #714-850 W. HASTINGS ST. VANCOUVER, B.C. PROJECT : UDUK TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88321 INVOICE # : 90001 DATE ENTERED : 88-11-15 FILE NAME : A&M88321.1 PAGE # : 4

Table with columns: PRE FILE, SAMPLE NAME, and various chemical elements (Pb, Cu, Fe, Ni, Co, Mn, Zn, Cd, Ag, Au, Hg, Sr, Cr, Sb, Bi, V, Ca, P, La, Ce, Nd, Sm, Ti, B, Al, Si, Ni, Be). Rows contain sample IDs 830 121 and 830 122.

CERTIFIED BY : [Signature]

APPENDIX III

1986 Drill Hole Analytical Data and Sections

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.
PROJECT: 308
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86041
INVOICE#: 6250
DATE ENTERED: FEB. 26 1986
FILE NAME: A&MB6041
PAGE #: 1

PRE FIX	SAMPLE NAME	PPB Au	OZ/T Au	PPM Ag	PPM As
A	86-1 3-4m	800	0.023	3.6	114
A	4-5m	310	0.009	1.8	144
A	5-6m	1600	0.047	4.0	78
A	6-7.62m	90	0.003	3.2	258
A	7.62-9.15m	10	0.001	1.6	68
A	9.15-10.67m	10	0.001	0.4	46
A	10.67-12.96m	10	0.001	1.0	46
A	12.96-14.33m	10	0.001	0.4	36
A	14.33-15.85m	10	0.001	0.8	72
A	86-1 15.85-19.2m	280	0.008	17.4	940
A	19.2-21.34m	10	0.001	1.8	134
A	21.34-22.87m	10	0.001	1.4	152
A	86-1 22.87-24.39m	10	0.001	0.6	96
A	86-2 0-5.18m	10	0.001	0.4	6
A	5.18-8.54m	330	0.010	2.4	202
A	8.54-10.67m	10	0.001	0.6	96
A	10.67-11.28m	10	0.001	0.4	130
A	11.28-13.41m	10	0.001	1.6	104
A	13.41-15.24m	40	0.001	2.4	240
A	86-2 15.24-16.62m	10	0.001	0.4	34
A	86-3 CASING CUTTINGS	10	0.001	0.2	56
A	86-1 0-36'	50	0.001	1.0	116
A	36-46.5'	60	0.002	1.6	184
A	46.5-55'	30	0.001	3.4	282
A	55-63'	100	0.003	6.0	338
A	64'4"	60	0.002	3.0	204
A	65-65.5'	70	0.002	3.0	206
A	65.5-70'	70	0.002	2.8	212
A	86-1 70-80'	70	0.002	2.2	258
A	86-2 0-17'	10	0.001	0.2	18
A	17-28'	620	0.018	5.4	404
A	28-35'	20	0.001	1.6	170
A	37-44'	10	0.001	2.6	262
A	44-55'	20	0.001	1.6	222
A	55-65'	40	0.001	2.0	236
A	65-75'	80	0.002	1.8	250
A	74-82'	40	0.001	1.6	136
A	82-94'	10	0.001	0.4	76
A	86-2 94-104'	10	0.001	1.0	96
A	U86-2 54-64'	40	0.001	3.0	270

CERTIFIED BY :

P. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

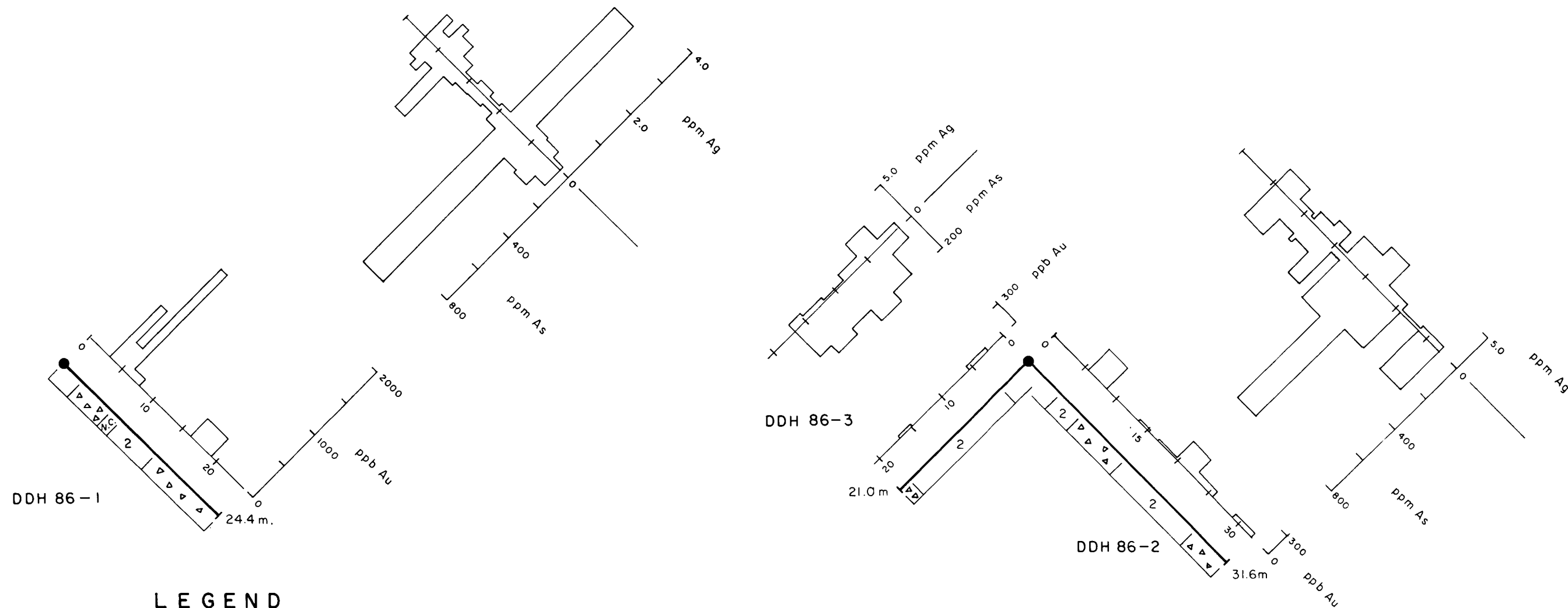
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614-850 W. HASTINGS STREET
VANCOUVER B.C.
PROJECT: 308
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86041
INVOICE#: 6250
DATE ENTERED: FEB. 26 1986
FILE NAME: A&MB6041
PAGE #: 2


PRE FIX	SAMPLE NAME	PPB Au	OZ/T Au	PPM Ag	PPM As
A	U86-2 64-74'	290	0.008	4.4	800
A	74-84'	80	0.002	1.2	234
A	84-94'	10	0.001	0.4	8
A	U86-2 94-104'	50	0.001	1.8	246
A	U86-3 14-20'	20	0.001	1.0	162
A	20-30'	10	0.001	0.6	246
A	30-40'	10	0.001	0.2	178
A	40-50'	10	0.001	1.0	248
A	50-60'	30	0.001	3.0	186
A	U86-3 60-69'	10	0.001	0.8	66

CERTIFIED BY :

P. Rossbach



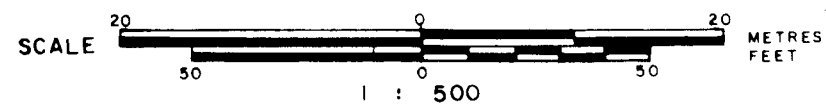
LEGEND

 *Flow banded rhyolite*

 *Brecciated rhyolite*

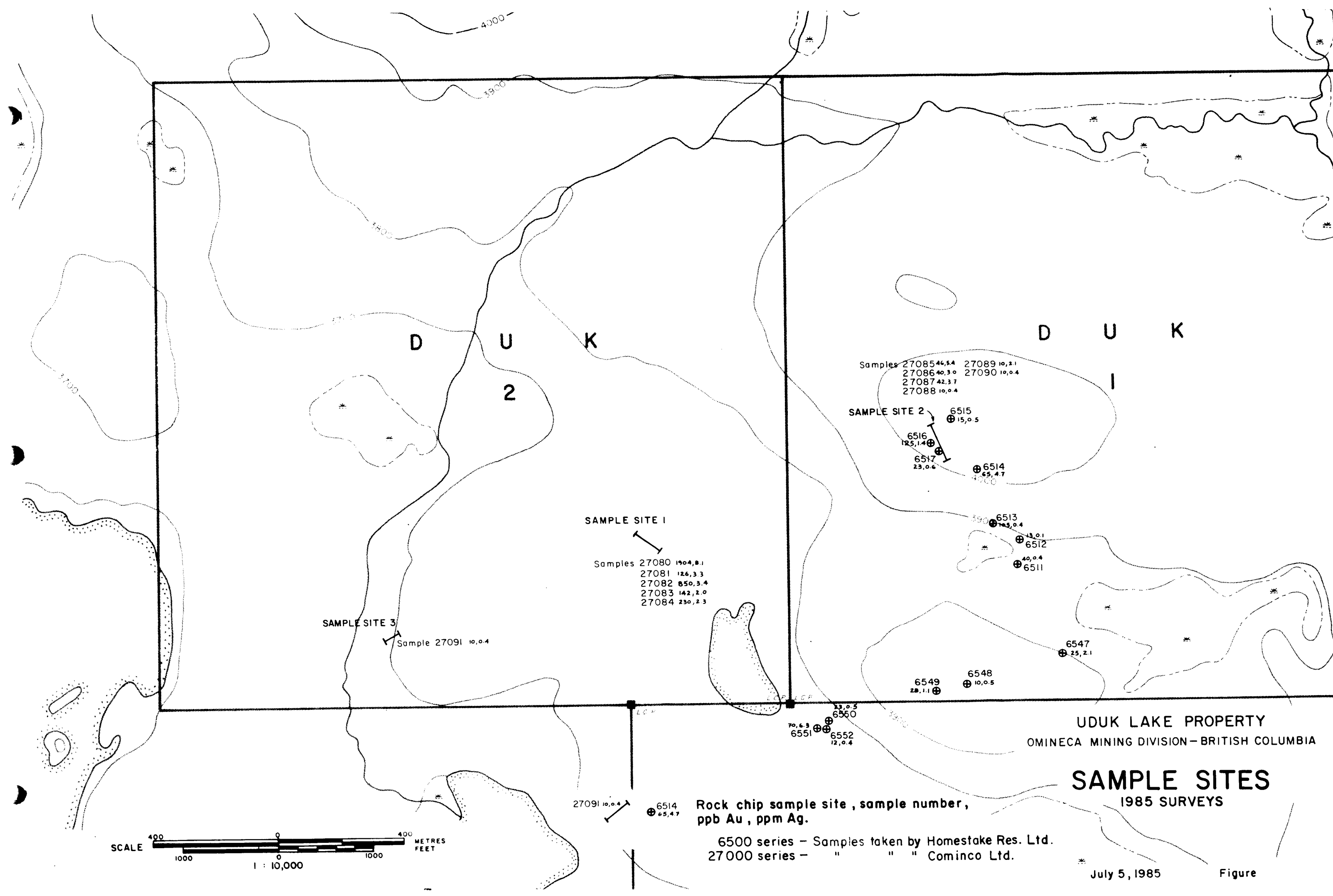
N.C. *No core*

 *DDH Collar*



UDUK LAKE PROPERTY
OMINECA MINING DIVISION-BRITISH COLUMBIA

DDH SECTIONS
1986 PROGRAM



U D U K
2

U D U K
I

Samples 27085 46.54 27089 10.21
27086 40.30 27090 10.04
27087 42.37
27088 10.04

SAMPLE SITE 2
6515 15.05
6516 125.14
6517 23.06
6514 65.47

SAMPLE SITE 1
Samples 27080 1904.81
27081 126.33
27082 850.34
27083 142.20
27084 230.23

SAMPLE SITE 3
Sample 27091 10.04

6513 3.01
6512 40.04
6511

6549 28.11
6548 10.05
6547 25.21

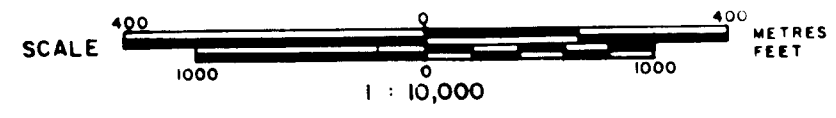
6551 70.63
6550 13.05
6552 12.04

UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

SAMPLE SITES
1985 SURVEYS

Rock chip sample site, sample number,
ppb Au, ppm Ag.

6500 series - Samples taken by Homestake Res. Ltd.
27000 series - " " " Cominco Ltd.



July 5, 1985

Figure

APPENDIX IV

Geophysical Report by D. R. MacQuarrie

INDUCED POLARIZATION REPORT

ON THE

UDUK PROPERTY

DUK 1-4 CLAIMS

Omineca Mining Division - British Columbia

Lat. 53 38'N Long. 126 00'W
NTS 93E/9, 93F/12
for

COMOX RESOURCES LTD.

by

D.R.MACQUARRIE, B.Sc.

May 26, 1988

Vancouver, B.C.

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Summary	1
Conclusion	1
Recommendation	1
Introduction	2
Location	2
Claim Data	2
Induced Polarization Survey	3
References	
Certificate	
Affidavit of Expenses	

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Figure 2	Claim Map	1:50,000	After p.1
Figure 3	Geology, Grid Map	1:10,000 in Pocket	
Figure 4	IP Plan N=2, A=50m	1:10,000	After p.3
Figure 5	Apparent Resistivity Plan N=2 A=50,	1:10,000,	After p.3
Figure 6	Smoothed I.P. Plan	1:10,000	After p.3
Figure 7	Smoothed Apparent Resistivity Plan	1:10,000	After p.3
Figure 8	Detail I.P. Plan	1:5000	After p.3
Figure 9	Detail Apparent Resistivity Plan	1:5000	After p.3
Figure 10	Pseudosection L43, L45N	1:5000	After p.3
Figure 11	Pseudosection L42, L44, L46N	1:5000	After p.3
Figure 12	Stacked Profiles	1:10,000	After p.3

Appendix 1

Data Listing

Summary

The Uduk Lake property is situated in the Interior Plateau of central British Columbia, 70 km. southwest of Burns Lake. The property is comprised of 51 claim units (DUK 1 to 4 claims) which cover altered and quartz veined rhyolitic volcanic rocks of the Ootsa Lake Group. The alteration zone appears to be over 2 kilometers in diameter.

In 1985 a program of soil and rock sampling was undertaken to follow up results of up to 3800 ppb gold obtained from a grab sample of rusty rhyolite. In 1986 a short program totalling 78 m of diamond drilling was completed. Core recovery averaged 80%. Quartz pyrite veins and zones of quartz cemented breccia occurred throughout the drill core. Clay minerals, kaolinite and minor amounts of sericite were noted. Assay values ranged from 10 to 1600 parts per billion gold.

In February 1988, a program of line cutting (30 l/km) and Induced Polarization surveys (18 l/km) was completed.

Extensive zones of high chargeability (greater than 20 m.sec) were noted, with coincident apparent resistivity anomalies, located within the altered zone.

Conclusion

The occurrence of widespread argillized and quartz veined volcanic rocks at UDUK Lake along with scattered anomalous gold values in soils, rocks and drill core and widespread strong induced polarization anomalies indicate an environment favourable for the occurrence of a large tonnage heap leachable type epithermal gold deposit.

Recommendation

Completion of the grid area with induced polarization contemporaneous with detailed prospecting and sampling of the induced polarization anomalies, with a follow up program of trenching and geological mapping is recommended.

Based on positive results a further program of diamond drilling would be justified.

Introduction

The DUK 1-4 claims were staked to cover a large area of argillized, quartz-veined and locally brecciated rhyolitic volcanic rocks.

This report summarizes the results of 18 line/km of induced polarization survey carried out by GeoSci Data Analysis of Vancouver, B.C. and a program of 30 line/km of line cutting completed by Van Alphen Exploration Services of Smithers, B.C.

The induced polarization survey was completed under the field supervision of E.T. Pezzot, Geophysicist (B.Sc., 1974) and D.R. MacQuarrie, Geophysicist (B.Sc., 1975)

Location, Physiography, Access

The Uduk Lake property is located 70 km. south southwest of Burns Lake in the Interior Plateau of central British Columbia. The claims lie in the Windfall Hills area east of the north end of UDUK Lake (Figure 1). Elevation ranges from 3600 to 4000 feet. Lakes and swampy areas are abundant. The area was subjected to very heavy glaciation with the ice movement to the northeast. Outcrops are relatively few, glacial cover is widespread.

Access is by float plane based in Burns Lake or Telkwa or helicopter from Houston B.C. Logging activity is underway to the east.

Claim Data

The UDUK Lake property is comprised of 51 claim units (Figure 2) as follows:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record #</u>	<u>Expiry Date</u>
DUK 1	16	6275	June 20, 1993 *
DUK 2	16	6276	June 20, 1993 *
DUK 3	15	6277	June 20, 1993 *
DUK 4	4	9303	March 18, 1993*

The claims are all held in the name of Comox Resources Ltd. and are grouped under grouping Notice, as the UDUK group.

(*Provided that work represented by this report is accepted for assessment purposes).

Induced Polarization Survey

A total of 30.4 line km. of line cutting was completed to facilitate the induced polarization survey. Eastwest oriented lines with stations flagged at 25 metre intervals and a central north-south tie line were cut. In addition a number of detail lines were cut in previously outlined areas of interest. (Figure 3)

A Scintrex IPR-8, time domain I.P. receiver; and IPC-7 transmitter were used for all observations. The pole-dipole array with parameters of $n=2$ and $a=50$ metres was used throughout the grid area. In addition, various combinations of $n=1, 2$ and $a=25, 50$ m. were used to detail selected anomalies.

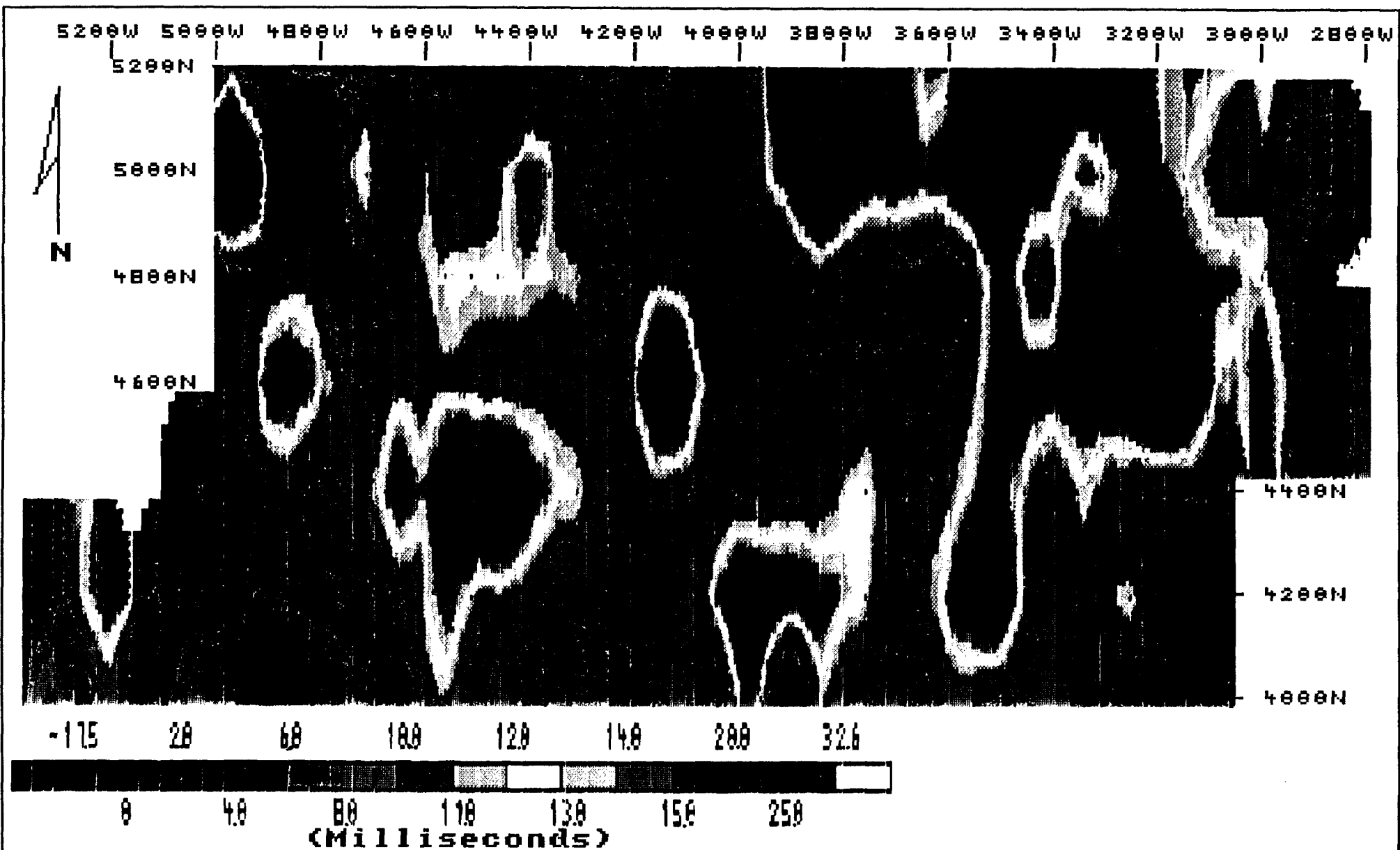
Apparent resistivity and chargeability values for all lines surveyed are presented in plan, stacked profile and false colour contour plots (Figures 4 to 12). A complete listing of the data is contained in Appendix A.

Survey results indicate widespread anomalous high chargeabilities and co-incident variable apparent resistivity anomalies located within the area of alteration outlined by Allen (1985).

Chargeabilities generally vary from a background of less than 6 msec to a maximum of 32 msec. (M32 values, Appendix A)

Three main chargeability anomalies are evident on Figure 4. The largest is located over the eastern portion of the grid from 39+50 w to 30+50 w on L 52 N tapering down to from 35+00 w to 30+00 w on L 46 N and from 36+50 w to 34+50 w on L 42 N. This zone is bounded on the west, north and the south east by low apparent resistivities (Figure 5, less than 150 ohm metres), with only the central portion correlating with mixed to high resistivities. Mapping by Allen (1985) indicate the area to be underlain by cherty quartz eye rhyolite and locally silicified rhyolite breccia. The responses are indicative of sulphide mineralization and should be further investigated, in particular the I.P. anomalies at 35+50 w and 38+00 w between L 52 and L 50 N, 32+00 W on L 46 N and 35 +00 w on L 42 N.

The second area of interest is a diamond shaped area located from 44+00 w on L 50 N to between 41 +00 w and 49+00 w on L 46 N and to 46+00 w on L 40 N. It is made up of four separate anomalous responses, the southern most of which is the largest in extent. In general these chargeability anomalies are co-incident with moderate to high apparent resistivity. Figure 8 and 9 are detail maps of chargeability and resistivity for the area between L 42 to 46N, 40+00 to 49+00 W, compiled from the $a=50m$ $n=1$ and $a=25m$ $n=2$ data.



SCINTREX IPR-B
POLE-DIPOLE ARRAY
A=50m N=2
FILTER = 60E x 200N x 0°

COMOX RESOURCES LTD.
UDUK LAKE PROJECT
Chargeability (ms)
False Colour Contour Map

GeoSci Data Analysis Ltd.

SCALE 1:10000

SURVEY DATE: FEB/88

FIGURE: 4

5200W 5000W 4800W 4600W 4400W 4200W 4000W 3800W 3600W 3400W 3200W 3000W

5200N

5000N

4800N

4600N

4400N

4200N

4000N

33 100 150 200 250 300 500 2910

15 125 175 225 275 400 600

(ohm-metres)

SCINTREX IPR-B
POLE-DIPOLE ARRAY
A=50m N=2
FILTER = 60E x 200N x 0°

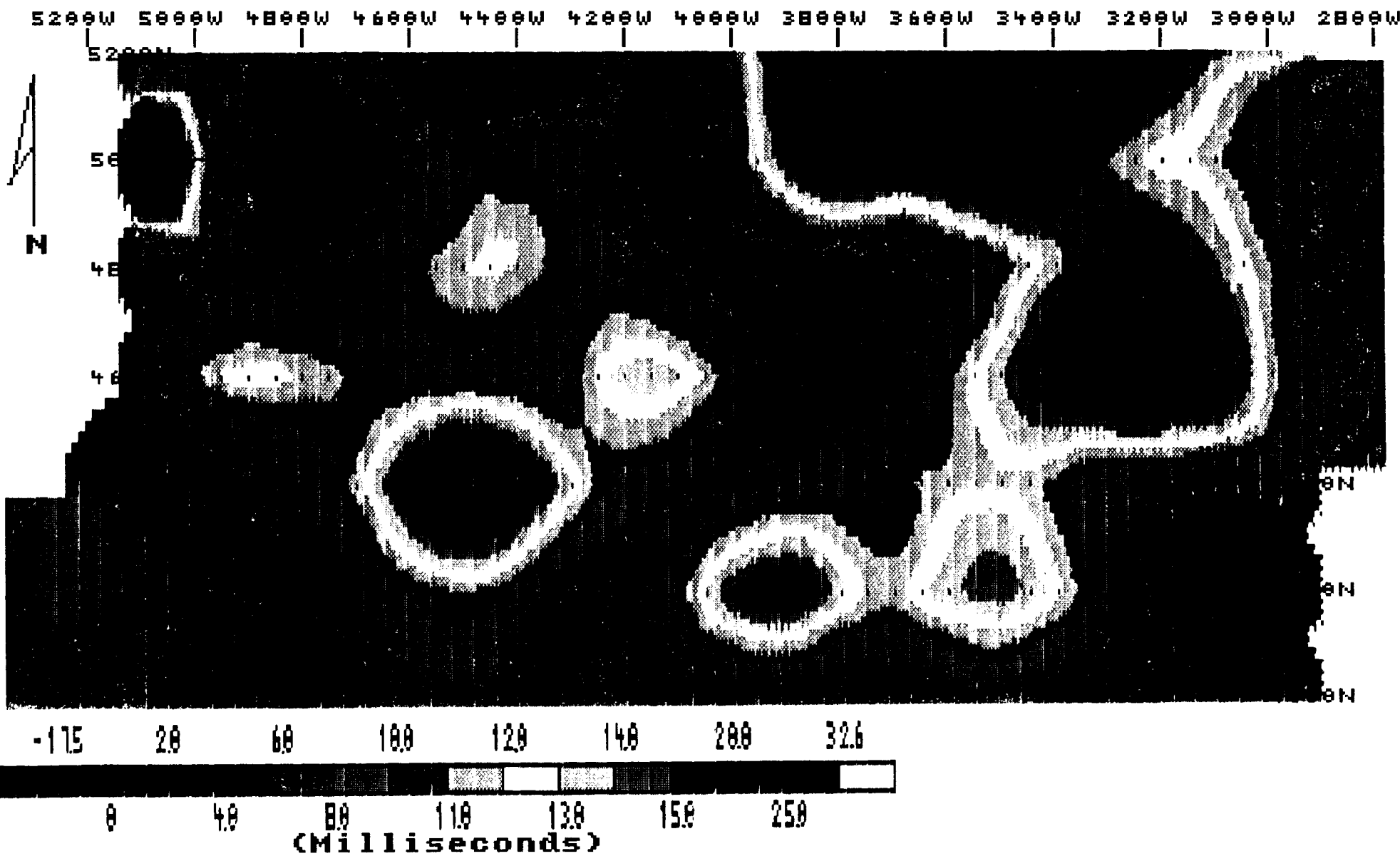
COMOX RESOURCES LTD.
UDUK LAKE PROJECT
Apparent Resistivity (ohm-m)
False Colour Contour Map

GeoSci Data Analysis Ltd.

SCALE 1:10000

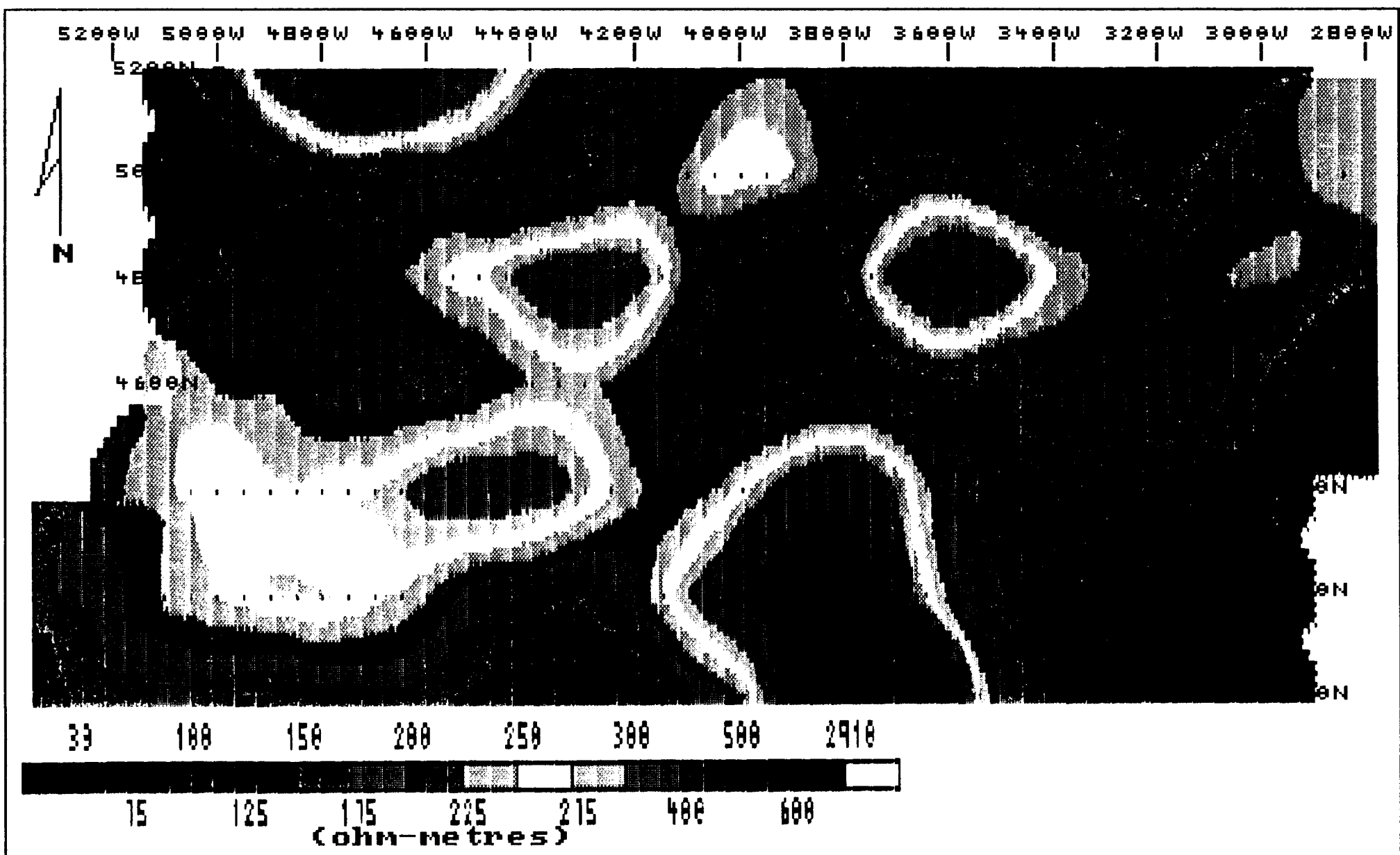
SURVEY DATE: FEB/88

FIGURE: 5



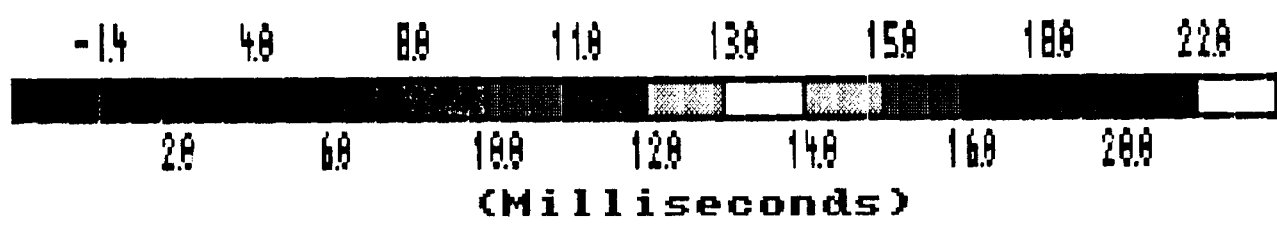
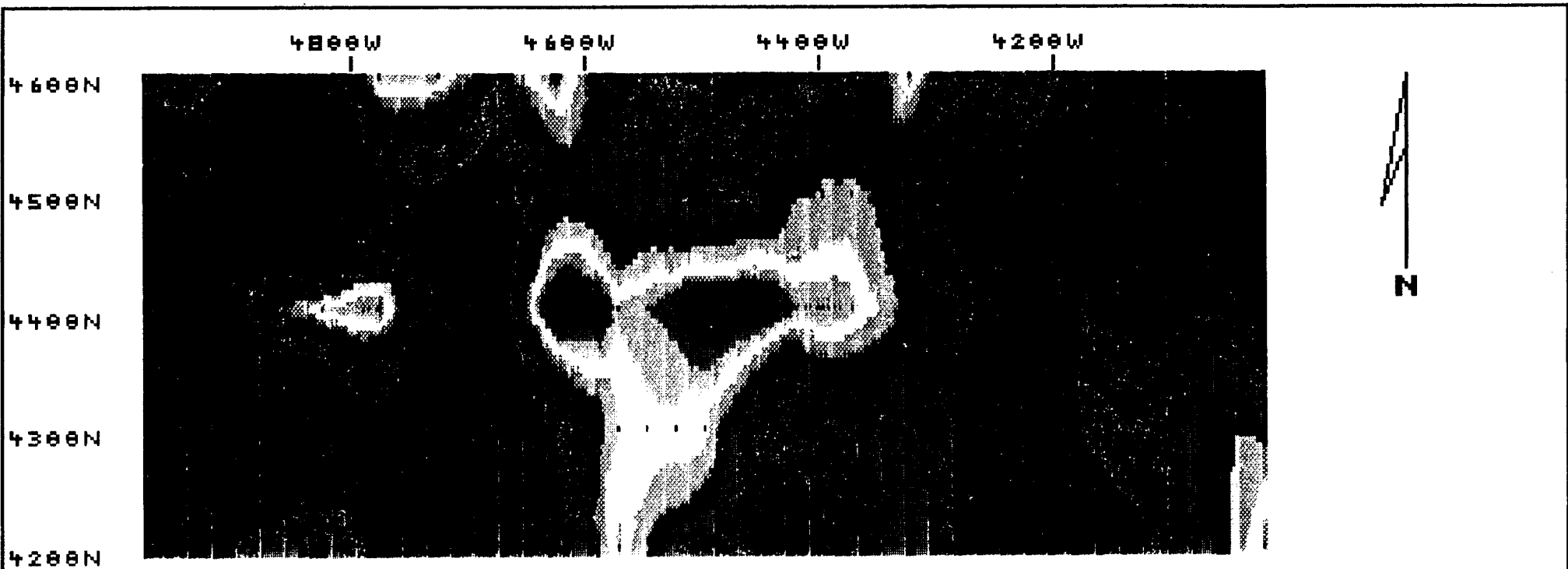
SCINTREX IPR-B
POLE-DIPOLE ARRAY
R=50m N=2
FILTER = 200E x 200N x 0°

COMOX RESOURCES LTD.
UDUK LAKE PROJECT
Chargeability (ms)
False Colour Contour Map



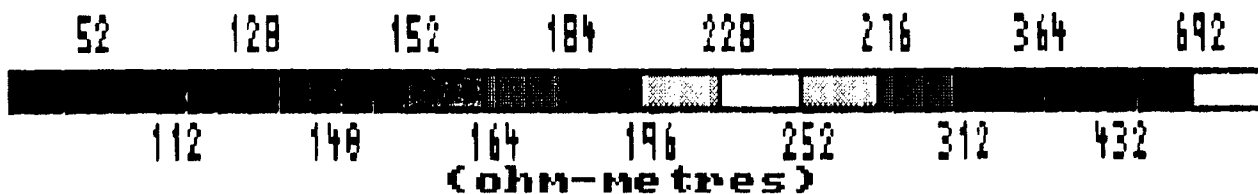
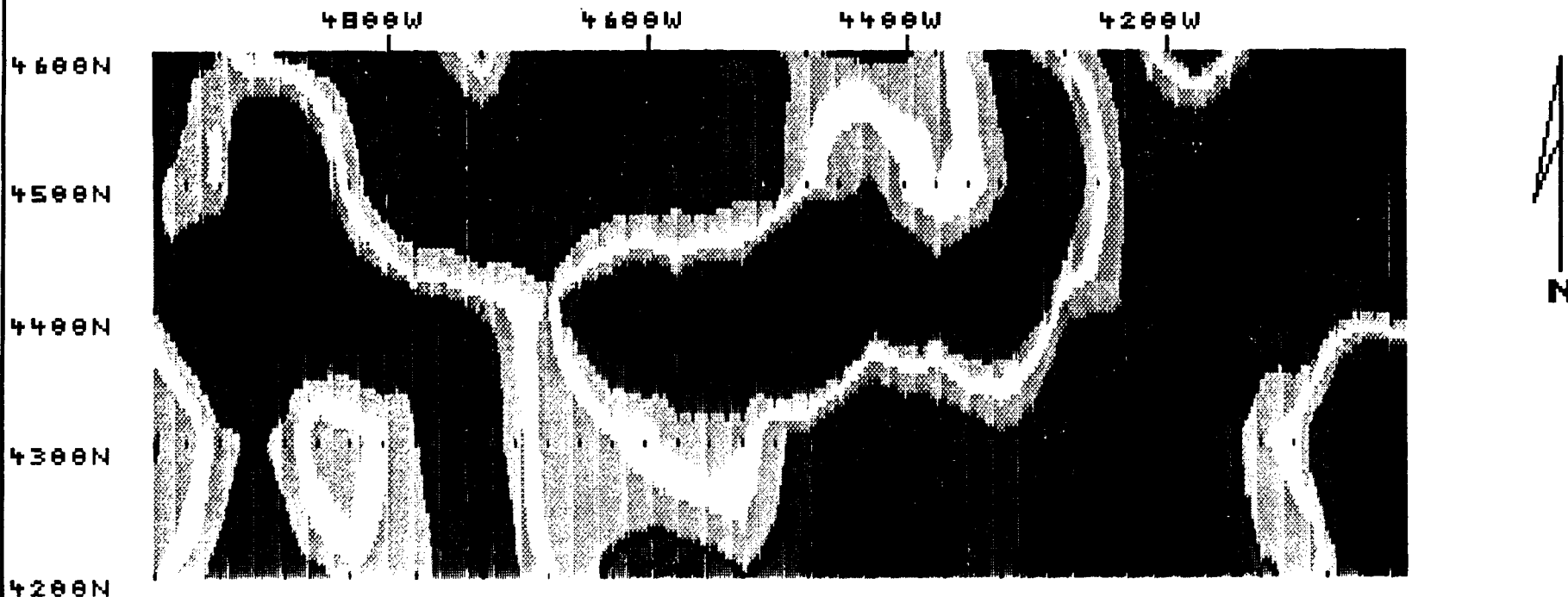
SCINTREX IPR-B
 POLE-DIPOLE ARRAY
 A=50m N=2
 FILTER : 200E x 200N x 0°

COMOX RESOURCES LTD.
UDUK LAKE PROJECT
 Apparent Resistivity (ohm-m)
 False Colour Contour Map



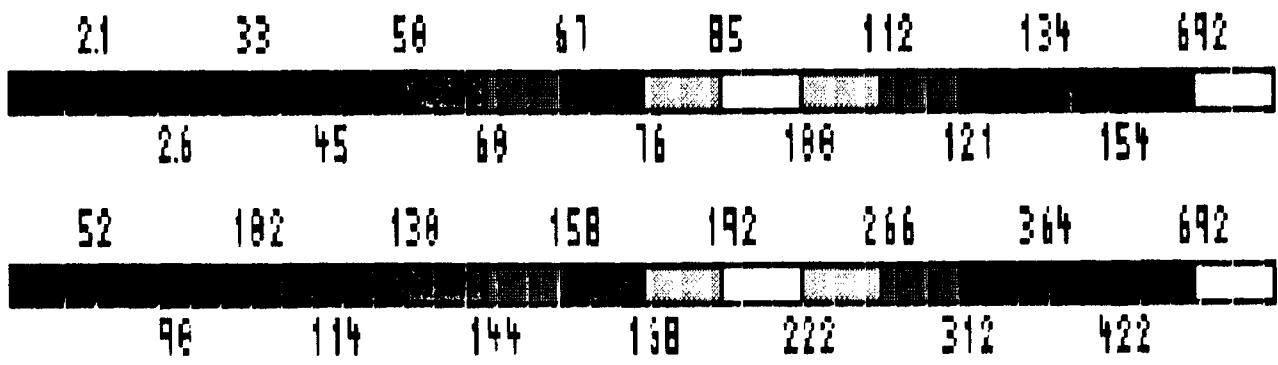
SCINTREX IPR-B
 POLE - DIPOLE ARRAY
 LINES : 4200N,4400N,4600N A = 50m N = 1
 LINES : 4300N,4500N A = 25m N = 2
 FILTER : 50E x 100N x 0°

COMOX RESOURCES LTD.
UDUK LAKE PROJECT
Chargeability (ms)
False Colour Contour Map



SCINTREX IPR-B
 POLE - DIPOLE ARRAY
 LINES : 4200N, 4400N, 4600N A = 50m N = 1
 LINES : 4300N, 4500N A = 25m N = 2
 FILTER : 50E x 100N x 0°

COMOX RESOURCES LTD.
UDUK LAKE PROJECT
 Apparent Resistivity (ohm-m)
 False Colour Contour Map



CHARGEABILITY
(MS * 10)

APPARENT
RESISTIVITY
(OHM-M)

COMOX RESOURCES LTD.
UDUK LAKE PROJECT
INDUCED POLARIZATION SURVEY
FALSE COLOUR PSEUDO-SECTIONS

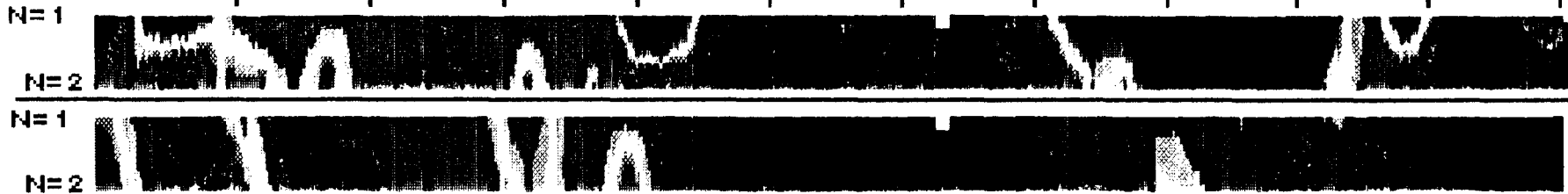
SCINTREX IPR-B
POLE - DIPOLE ARRAY
A = 25 M

4800W 4600W 4400W 4200W 4000W 3800W 3600W 3400W 3200W 3000W 2800W

M₂₃

4600N

P_a



5000W 4800W 4600W 4400W 4200W 4000W 3800W 3600W 3400W 3200W

M₂₃

4400N

P_a

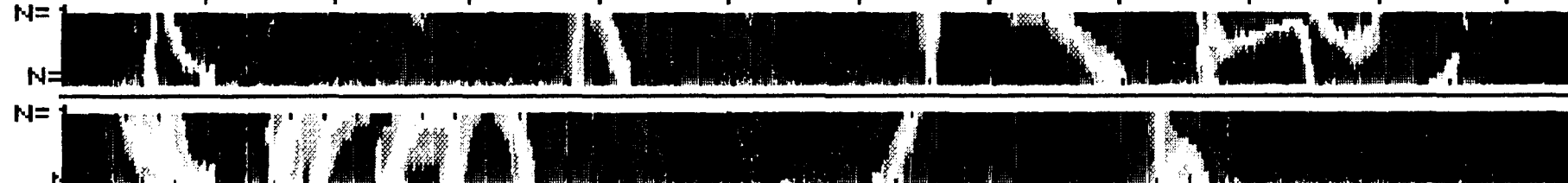


5200W 5000W 4800W 4600W 4400W 4200W 4000W 3800W 3600W 3400W 3200W

M₂₃

4200N

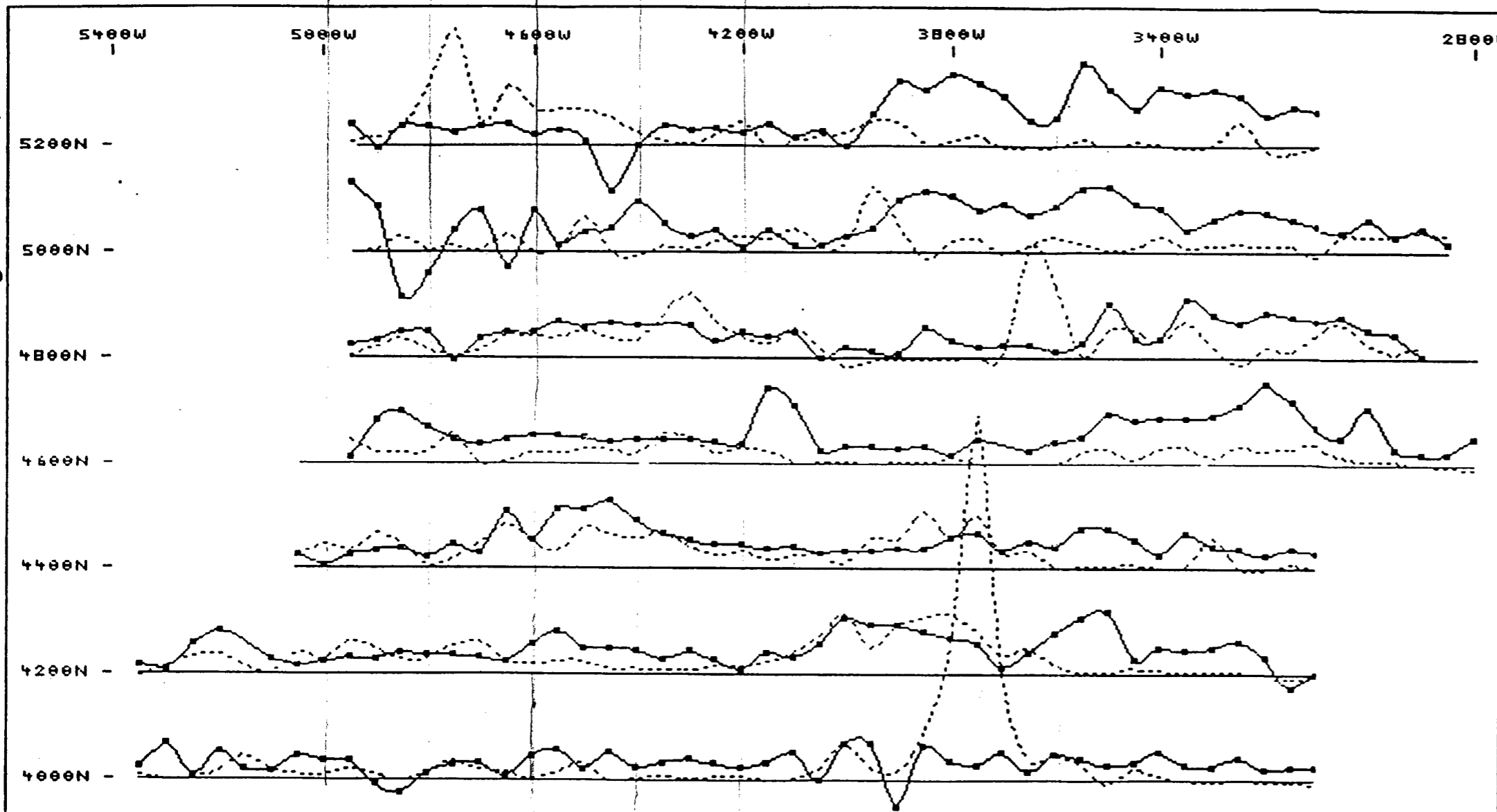
P_a



CHARGEABILITY
(MS * 10)



APPARENT
RESISTIVITY
(OHM-M)



INSTRUMENT

SCINTREX IPR-8
 SCINTREX IPC-71/2.5 KW
 POLE-DIPOLE ARRAY
 SPACING (A) = 50M, N = 2



PLOTTED DATA

SOLID LINE:
 CHARGEABILITY (MS)
 VERTICAL SCALE: 20 MS/CM
 BASE: 0 MS

DASHED LINE:
 APPARENT RESISTIVITY (OHM-M)
 VERTICAL SCALE: 400 OHM-M/CM
 BASE: 100 OHM-M

MAP KEY

SCALE: 1:10000
 NTS: 93E, 93F
 MINING DIVISION: OMINECA

GeoSci Data Analysis Ltd.

COMOX RESOURCES LTD. UDUK LAKE PROJECT	
I.P. STACKED PROFILE MAP Apparent Resistivity - Chargeability	
SURVEY DATE: FEB/88	FIGURE: 12

Previous drilling, holes DDH 86-1, 2, and 3, were spotted in this area at approximately 44+20 w, 44+50 N (the drill holes were not tied into the new cut grid). Drilling intersected altered and variably quartz veined rhyolite-with up to 2% pyrite and 1600 ppb Au. This drilling was located approx 100 metres north east of the chargeability high. The zone appears to be elongated in a east-west direction, and correlates with a portion of an apparent resistivity high elongate along L 44 N. The data indicates the source of the chargeability anomaly to be pyrite associated with quartz vein healing and/or silicification of the rhyolite. This entire diamond shaped area requires detailed follow up investigation. Concentrations of gold mineralization could occur associated with the sulphides and quartz veining-or alternatively in the extremely altered rhyolite (apparent resistivity lows) in their immediate vicinity.

The third major area of interest is located between L 40 and 44 N at from 37+50 to 40+50 w. As in the previous area, a strong correlation exists between high chargeabilities and moderate to high apparent resistivities. This zone is bounded on the east by a northerly striking ridge of high apparent resistivities (500 to 2900 ohm metres).

Several other localized anomalies which require follow up are a strong I.P. high on L52 N at 50+00 w, which is open to the west, and an area of high apparent resistivity between L 44+00 w and 48+50 w on L 52 N, which is open to the north.

Further induced polarization surveying to cover the entire area of alteration outlined by Allen (1985) and detailed prospecting of the above outlined zones is recommended.



CERTIFICATE OF QUALIFICATIONS

I, Douglas R. MacQuarrie, certify that:

1. I am a graduate of the University of British Columbia with a degree in Geology and Geophysics (B.Sc., 1975)
2. I have been practising my profession since 1975 and have been active in the mining industry since 1971.
3. I am an active member of the Canadian Institute of Mining and Metallurgy and a member of the British Columbia Geophysical Society.
4. This report is based on fieldwork carried out by GeoSci Data Analysis Ltd. and on a visit to the property on February 20, 1988; and on the publications listed under references.
5. I am a director and shareholder of Comox Resources Ltd.



D.R. MacQuarrie, B.Sc.

May 26, 1988

References

Allen, D.G. and MacQuarrie, D.R. , (1985)

Geological, Geochemical and Geophysical Report on the
UDUK Lake Property, private report.

Allen, G.M. (1986)

Geological and Diamond Drilling Report on the UDUK Lake
Property , private report.

AFFIDAVIT OF EXPENSES

This will certify that an induced polarization survey and line cutting were carried out on the DUK claims, UDUK Lake area, Omineca Mining Division, British Columbia during February and early March 1988, to the value of the following:

Mobilization and Fieldwork

Northern Mountain Helicopters	\$ 6,184.00
Camp, Linecutting-Van Alphen Exploration	16,145.00
I.P. Survey, GeoSci Data Analysis	24,280.00

Report Preparation

D.R. MacQuarrie 10 hrs. @ 40/hr.	400.00
Draughting, typing, compilation	160.00
Maps and photocopying	<u>48.00</u>

TOTAL \$ 47,217.00



D.R. MacQuarrie, B.Sc.

APPENDIX 1

JMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 1, a = 50m

Line 4200N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5400	-5350	-5300	1	550	100	1.25	125.0	143	2.6	1.8	1.6
-5350	-5300	-5250	1	500	30	2.37	71.1	89	2.6	1.2	0.8
-5300	-5250	-5200	1	25	10	1.12	11.2	281	-3.5	1.5	3.2
-5250	-5200	-5150	1	25	10	1.18	11.8	296	12.1	15.7	17.5
-5200	-5150	-5100	1	75	10	2.26	22.6	189	5.5	4.6	4.5
-5150	-5100	-5050	1	75	10	1.44	14.4	121	6.0	6.4	7.6
-5100	-5050	-5000	1	50	10	1.54	15.4	193	8.5	10.0	11.4
-5050	-5000	-4950	1	150	30	2.17	65.1	273	3.6	3.0	2.8
-5000	-4950	-4900	1	50	10	1.80	18.0	226	5.2	4.6	4.5
-4950	-4900	-4850	1	100	30	1.58	47.4	298	6.5	6.0	6.0
-4900	-4850	-4800	1	175	30	2.84	85.2	306	9.4	10.0	10.9
-4850	-4800	-4750	1	150	30	2.08	62.4	261	10.9	12.1	13.6
-4800	-4750	-4700	1	150	30	2.07	62.1	260	6.5	6.0	6.1
-4750	-4700	-4650	1	75	30	1.27	38.1	319	5.9	5.0	4.5
-4700	-4650	-4600	1	350	100	1.35	135.0	242	7.8	8.0	8.9
-4650	-4600	-4550	1	375	100	1.07	107.0	179	7.2	7.8	6.7
-4600	-4550	-4500	1	325	30	2.33	69.9	135	14.5	14.6	14.1
-4550	-4500	-4450	1	600	100	1.88	188.0	197	12.0	9.8	8.5
-4500	-4450	-4400	1	550	100	1.38	138.0	158	10.0	9.3	9.4
-4450	-4400	-4350	1	550	100	1.00	100.0	114	7.4	6.0	5.0
-4400	-4350	-4300	1	250	30	1.64	49.2	124	8.7	8.2	3.6
-4350	-4300	-4250	1	150	30	1.43	42.9	180	11.0	11.8	12.5
-4300	-4250	-4200	1	400	30	2.43	72.9	114	8.0	6.6	7.9
-4250	-4200	-4150	1	600	100	1.17	117.0	122	5.1	5.0	5.0
-4200	-4150	-4100	1	600	100	1.14	114.0	119	0.0	1.9	-0.5
-4150	-4100	-4050	1	525	100	1.41	141.0	169	8.3	8.0	8.2
-4100	-4050	-4000	1	550	100	2.22	222.0	253	10.6	10.5	10.8
-4050	-4000	-3950	1	225	100	1.36	136.0	380	15.5	14.6	14.8
-4000	-3950	-3900	1	75	30	2.85	85.5	716	18.0	17.2	17.3
-3950	-3900	-3850	1	175	30	3.33	99.9	358	15.0	13.2	12.3
-3900	-3850	-3800	1	150	100	1.63	163.0	682	14.0	13.2	13.3
-3850	-3800	-3750	1	125	30	2.89	86.7	436	11.6	10.9	11.0
-3800	-3750	-3700	1	200	100	1.13	113.0	355	9.0	8.5	8.5
-3750	-3700	-3650	1	150	30	2.85	85.5	358	7.0	6.0	5.2
-3700	-3650	-3600	1	225	30	2.37	71.1	198	6.5	6.1	6.3
-3650	-3600	-3550	1	150	30	1.34	40.2	168	12.0	14.0	16.1
-3600	-3550	-3500	1	150	30	1.12	33.6	141	6.6	6.1	6.2
-3550	-3500	-3450	1	100	10	1.51	15.1	95	9.5	8.6	8.8
-3500	-3450	-3400	1	150	10	2.47	24.7	103	11.6	10.5	10.5
-3450	-3400	-3350	1	500	100	1.16	116.0	146	15.3	16.1	17.4
-3400	-3350	-3300	1	75	10	1.44	14.4	121	14.0	14.6	15.8
-3350	-3300	-3250	1	600	30	3.01	90.3	95	7.2	6.0	5.5
-3300	-3250	-3200	1	200	30	1.01	30.3	95	7.0	6.7	6.5
-3250	-3200	-3150	1	250	30	1.23	36.9	93	9.8	11.7	13.4
-3200	-3150	-3100	1	275	30	1.17	35.1	80	4.6	4.8	5.2
-3150	-3100	-3050	1	600	30	2.12	63.6	67	3.2	3.0	3.0
-3100	-3050	-3000	1	600	30	1.77	53.1	56	-1.0	-3.2	-4.9

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 1, a = 50m

Line 4400N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5100	-5050	-5000	1	425	100	1.62	162.0	239	3.2	2.7	2.6
-5050	-5000	-4950	1	300	100	1.90	190.0	398	5.0	3.9	3.6
-5000	-4950	-4900	1	125	30	1.84	55.2	277	4.4	4.3	4.8
-4950	-4900	-4850	1	300	100	2.09	209.0	438	3.9	2.8	2.3
-4900	-4850	-4800	1	100	30	1.95	58.5	367	11.6	11.1	11.2
-4850	-4800	-4750	1	225	100	1.56	156.0	435	15.1	14.3	14.3
-4800	-4750	-4700	1	125	30	2.07	62.1	312	15.6	15.7	16.6
-4750	-4700	-4650	1	150	30	2.15	64.5	270	7.0	6.6	6.6
-4700	-4650	-4600	1	300	100	1.08	108.0	226	4.0	3.6	3.7
-4650	-4600	-4550	1	325	100	2.27	227.0	439	22.2	21.9	22.0
-4600	-4550	-4500	1	100	30	2.04	61.2	384	15.5	14.1	13.6
-4550	-4500	-4450	1	200	100	1.44	144.0	452	17.4	16.3	16.2
-4500	-4450	-4400	1	50	30	1.83	54.9	690	22.0	20.5	20.0
-4450	-4400	-4350	1	250	100	1.49	149.0	374	15.8	15.4	15.5
-4400	-4350	-4300	1	400	100	2.35	235.0	369	15.6	15.0	15.0
-4350	-4300	-4250	1	400	100	2.68	268.0	421	11.1	10.9	11.0
-4300	-4250	-4200	1	375	100	1.24	124.0	208	9.0	8.9	8.8
-4250	-4200	-4150	1	400	100	1.24	124.0	195	6.0	5.5	5.3
-4200	-4150	-4100	1	300	30	1.79	53.7	112	7.9	8.5	9.1
-4150	-4100	-4050	1	300	30	1.63	48.9	102	6.3	6.3	6.1
-4100	-4050	-4000	1	300	30	2.27	68.1	143	8.1	7.6	7.6
-4050	-4000	-3950	1	200	30	2.08	62.4	196	7.5	7.4	5.6
-4000	-3950	-3900	1	100	30	3.53	105.9	665	8.3	9.0	9.9
-3950	-3900	-3850	1	175	30	3.38	101.4	364	10.2	12.0	13.4
-3900	-3850	-3800	1	125	30	2.47	74.1	372	5.1	4.7	4.6
-3850	-3800	-3750	1	200	100	1.63	163.0	512	6.1	5.5	5.6
-3800	-3750	-3700	1	150	30	2.06	61.8	259	9.5	8.6	8.7
-3750	-3700	-3650	1	125	30	3.38	101.4	509	10.0	9.4	9.5
-3700	-3650	-3600	1	300	30	2.93	87.9	184	9.0	10.0	11.3
-3650	-3600	-3550	1	150	10	2.42	24.2	101	14.3	15.8	19.0
-3600	-3550	-3500	1	100	10	1.60	16.0	100	14.0	18.0	17.9
-3550	-3500	-3450	1	125	10	1.94	19.4	97	5.3	4.8	4.9
-3500	-3450	-3400	1	800	100	1.18	118.0	93	9.3	9.0	9.3
-3450	-3400	-3350	1	350	30	2.98	89.4	160	10.2	9.5	9.6
-3400	-3350	-3300	1	75	10	1.14	11.4	95	12.6	13.0	11.5
-3350	-3300	-3250	1	150	10	2.68	26.8	112	12.0	8.8	7.7
-3300	-3250	-3200	1	250	10	1.39	13.9	35	7.6	7.4	7.2
-3250	-3200	-3150	1	975	100	1.48	148.0	95	1.3	1.2	1.4
-3200	-3150	-3100	1	125	10	1.60	16.0	80	9.6	8.1	7.0
-3150	-3100	-3050	1	475	30	2.66	79.8	106	4.0	3.2	2.6
-3100	-3050	-3000	1	725	30	3.43	102.9	89	4.1	3.9	4.0

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 1, a = 50m

Line 4600N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4950	-4900	1	50	30	1.00	30.0	377	8.9	9.2	10.6
-4950	-4900	-4850	1	150	30	2.13	63.9	268	9.3	10.9	12.5
-4900	-4850	-4800	1	150	30	1.37	41.1	172	6.0	5.1	4.8
-4850	-4800	-4750	1	75	10	1.80	18.0	151	5.6	5.1	5.2
-4800	-4750	-4700	1	100	10	2.30	23.0	144	12.5	14.9	17.3
-4750	-4700	-4650	1	100	30	1.53	45.9	288	13.2	14.9	16.6
-4700	-4650	-4600	1	100	10	1.54	15.4	97	9.5	10.0	10.6
-4650	-4600	-4550	1	500	30	3.43	102.9	129	14.0	16.6	19.1
-4600	-4550	-4500	1	100	10	1.80	18.0	113	8.1	8.0	8.0
-4550	-4500	-4450	1	125	30	1.24	37.2	187	8.5	8.0	8.0
-4500	-4450	-4400	1	100	30	1.09	32.7	205	8.0	7.5	7.6
-4450	-4400	-4350	1	575	100	1.64	164.0	179	7.9	7.4	7.5
-4400	-4350	-4300	1	150	30	1.65	49.5	207	8.6	8.0	7.9
-4350	-4300	-4250	1	125	30	2.08	62.4	313	13.5	14.9	16.4
-4300	-4250	-4200	1	550	100	2.07	207.0	236	8.5	8.4	8.5
-4250	-4200	-4150	1	125	10	3.14	31.4	158	11.2	12.6	14.5
-4200	-4150	-4100	1	50	10	2.97	29.7	373	5.5	4.8	4.5
-4150	-4100	-4050	1	125	10	3.04	30.4	153	6.0	5.5	5.6
-4100	-4050	-4000	1	400	30	2.43	72.9	114	6.5	7.4	8.3
-4050	-4000	-3950	1	150	10	1.88	18.8	79	4.8	4.6	4.6
-4000	-3950	-3900	1	250	30	1.37	41.1	103	4.6	4.5	4.5
-3950	-3900	-3850	1	600	30	3.04	91.2	95	6.0	5.8	5.9
-3900	-3850	-3800	1	200	30	1.00	30.0	94	5.3	4.6	4.6
-3850	-3800	-3750	1	200	30	1.01	30.3	95	5.5	5.2	5.6
-3800	-3750	-3700	1	300	30	1.87	56.1	117	7.9	8.5	9.5
-3750	-3700	-3650	1	225	10	2.82	28.2	79	6.2	5.9	6.0
-3700	-3650	-3600	1	50	10	1.00	10.0	126	6.0	5.8	5.3
-3650	-3600	-3550	1	500	0	1.84	0.0	0	5.5	5.0	4.6
-3600	-3550	-3500	1	500	30	2.99	89.7	113	6.6	6.3	6.4
-3550	-3500	-3450	1	200	30	1.61	48.3	152	7.5	7.0	6.7
-3500	-3450	-3400	1	350	30	3.09	92.7	166	14.0	13.5	13.9
-3450	-3400	-3350	1	300	30	1.89	56.7	119	13.3	11.3	10.6
-3400	-3350	-3300	1	175	30	2.37	71.1	255	21.8	20.0	20.1
-3350	-3300	-3250	1	550	100	2.16	216.0	247	22.1	22.6	24.5
-3300	-3250	-3200	1	150	30	1.55	46.5	195	17.9	17.5	18.1
-3250	-3200	-3150	1	250	30	2.43	72.9	183	15.7	15.3	15.6
-3200	-3150	-3100	1	150	10	2.84	28.4	119	21.7	22.4	25.0
-3150	-3100	-3050	1	250	30	2.42	72.6	182	13.4	14.0	13.2
-3100	-3050	-3000	1	100	10	2.62	26.2	165	11.0	11.5	11.3
-3050	-3000	-2950	1	100	10	2.35	23.5	148	7.2	7.0	7.0
-3000	-2950	-2900	1	175	30	1.23	36.9	132	5.3	5.0	5.1
-2950	-2900	-2850	1	175	10	2.21	22.1	79	3.2	2.9	2.8
-2900	-2850	-2800	1	200	10	2.37	23.7	74	4.5	4.4	4.5
-2850	-2800	-2750	1	150	10	1.72	17.2	72	3.0	2.3	1.9
-2800	-2750	-2700	1	150	10	1.22	12.2	51	3.2	3.5	3.1

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 1, a = 25m

Line 4300N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4975	-4950	1	105	30	1.41	42.3	126	3.0	2.5	2.4
-4975	-4950	-4925	1	30	1	4.80	6.6	69	4.7	5.0	0.0
-4950	-4925	-4900	1	95	30	1.38	41.4	137	4.0	3.3	3.2
-4925	-4900	-4875	1	185	30	2.98	89.4	152	3.6	3.1	2.8
-4900	-4875	-4850	1	300	100	1.82	182.0	190	3.6	3.2	3.2
-4875	-4850	-4825	1	100	30	7.96	238.8	750	4.6	4.5	5.0
-4850	-4825	-4800	1	120	30	1.70	51.0	133	3.0	2.3	2.0
-4825	-4800	-4775	1	290	30	3.75	112.5	122	4.0	3.4	3.4
-4800	-4775	-4750	1	105	30	1.73	51.9	155	7.0	7.5	8.1
-4775	-4750	-4725	1	185	100	1.18	118.0	200	6.7	2.6	2.3
-4750	-4725	-4700	1	315	100	2.39	239.0	238	5.4	5.1	5.1
-4725	-4700	-4675	1	170	100	1.77	177.0	327	4.2	4.0	4.0
-4700	-4675	-4650	1	295	100	2.07	207.0	220	2.7	2.1	2.0
-4675	-4650	-4625	1	125	30	1.90	57.0	143	4.1	3.6	3.4
-4650	-4625	-4600	1	255	100	1.08	108.0	133	7.5	7.9	8.5
-4625	-4600	-4575	1	405	100	2.11	211.0	164	7.2	6.7	6.7
-4600	-4575	-4550	1	180	30	3.15	94.5	165	12.3	12.5	13.0
-4575	-4550	-4525	1	205	100	1.03	103.0	158	14.5	14.0	14.2
-4550	-4525	-4500	1	435	100	2.45	245.0	177	12.5	11.6	11.5
-4525	-4500	-4475	1	1020	300	1.93	579.0	178	12.3	11.9	12.0
-4500	-4475	-4450	1	1100	300	1.88	564.0	161	9.5	8.9	8.8
-4475	-4450	-4425	1	1225	300	1.49	447.0	115	9.0	8.8	9.0
-4450	-4425	-4400	1	450	100	1.84	184.0	128	4.6	3.2	2.6
-4425	-4400	-4375	1	1400	300	1.52	456.0	102	8.5	7.0	6.4
-4400	-4375	-4350	1	1375	300	1.75	525.0	120	10.3	10.1	10.3
-4375	-4350	-4325	1	1375	300	1.78	534.0	122	13.5	13.0	13.4
-4350	-4325	-4300	1	340	100	1.55	155.0	143	12.3	11.9	12.0
-4325	-4300	-4275	1	425	100	2.10	210.0	155	9.0	7.6	7.1
-4300	-4275	-4250	1	1450	300	1.63	489.0	106	6.5	5.7	5.4
-4275	-4250	-4225	1	1600	300	2.07	621.0	122	3.9	2.9	2.4
-4250	-4225	-4200	1	1050	300	2.82	846.0	253	5.0	4.5	4.5
-4225	-4200	-4175	1	1350	100	3.14	314.0	73	4.6	4.5	4.6
-4200	-4175	-4150	1	490	100	1.48	148.0	95	3.3	3.0	3.1
-4175	-4150	-4125	1	540	100	1.54	154.0	90	7.4	7.0	7.2
-4150	-4125	-4100	1	1450	100	3.97	397.0	86	10.2	8.7	8.0
-4125	-4100	-4075	1	1200	300	3.22	966.0	253	13.5	13.0	13.0
-4100	-4075	-4050	1	580	100	2.77	277.0	150	12.6	12.4	12.6
-4075	-4050	-4025	1	115	100	1.53	153.0	418	8.6	7.8	7.7
-4050	-4025	-4000	1	295	300	1.44	432.0	460	9.2	8.6	8.6

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2, a = 25m

Line 4300N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4950	-4925	2	105	10	2.03	20.3	182	3.5	2.6	2.2
-4975	-4925	-4900	2	105	10	2.33	23.3	209	7.9	7.5	9.4
-4950	-4900	-4875	2	95	10	2.56	25.6	254	5.0	4.4	4.4
-4925	-4875	-4850	2	185	30	2.13	63.9	325	6.8	6.5	6.4
-4900	-4850	-4825	2	300	30	2.94	88.2	277	3.5	2.2	1.7
-4875	-4825	-4800	2	100	10	2.05	20.5	193	3.5	2.2	0.9
-4850	-4800	-4775	2	120	10	2.47	24.7	194	6.2	5.6	5.5
-4825	-4775	-4750	2	295	30	2.74	82.2	262	6.5	6.0	6.2
-4800	-4750	-4725	2	110	30	1.12	33.6	288	8.0	8.0	8.2
-4775	-4725	-4700	2	185	30	1.80	54.0	275	7.0	6.5	6.6
-4750	-4700	-4675	2	315	100	1.15	115.0	344	4.4	3.3	2.8
-4725	-4675	-4650	2	175	30	1.62	48.6	262	5.0	4.5	4.4
-4700	-4650	-4625	2	295	30	2.02	60.6	194	5.2	4.6	4.6
-4675	-4625	-4600	2	125	10	2.63	26.3	198	7.5	7.6	8.0
-4650	-4600	-4575	2	255	30	2.12	63.6	235	6.9	6.0	5.7
-4625	-4575	-4550	2	405	30	3.48	104.4	243	12.0	11.5	11.5
-4600	-4550	-4525	2	180	30	1.61	48.3	253	15.6	15.2	15.4
-4575	-4525	-4500	2	205	30	2.15	64.5	296	14.0	12.1	11.4
-4550	-4500	-4475	2	435	30	3.75	112.5	244	16.7	15.0	15.4
-4525	-4475	-4450	2	1020	100	2.45	245.0	226	14.5	14.0	14.0
-4500	-4450	-4425	2	1100	100	1.84	184.0	158	11.5	11.2	11.3
-4475	-4425	-4400	2	1225	100	1.74	174.0	134	7.3	7.0	7.1
-4450	-4400	-4375	2	850	100	1.07	107.0	119	8.4	7.9	7.8
-4425	-4375	-4350	2	1400	100	2.27	227.0	153	10.9	10.6	11.0
-4400	-4350	-4325	2	1400	100	2.48	248.0	167	11.0	10.0	9.7
-4375	-4325	-4300	2	1375	100	2.26	226.0	155	12.0	10.5	10.0
-4350	-4300	-4275	2	340	30	2.77	83.1	230	13.0	11.9	11.5
-4325	-4275	-4250	2	425	30	2.45	73.5	163	9.4	8.5	8.2
-4300	-4250	-4225	2	1450	100	2.33	233.0	151	7.4	6.5	6.2
-4275	-4225	-4200	2	1600	100	2.35	235.0	138	6.0	5.2	4.7
-4250	-4200	-4175	2	1075	100	1.24	124.0	109	6.6	6.2	6.1
-4225	-4175	-4150	2	1350	100	1.88	188.0	131	5.0	4.7	4.7
-4200	-4150	-4125	2	490	30	2.15	64.5	124	9.0	8.6	8.7
-4175	-4125	-4100	2	540	30	1.94	58.2	102	14.0	13.4	13.4
-4150	-4100	-4075	2	1450	300	1.78	534.0	347	6.7	6.3	6.4
-4125	-4075	-4050	2	1200	100	2.53	253	199	11.4	10.0	9.6
-4100	-4050	-4025	2	585	100	1.14	114.0	184	13.7	13.4	13.6
-4075	-4025	-4000	2	120	30	2.63	78.9	619	11.7	11.2	11.2

MOX RESOURCES LTD.

UDUK LAKE PROPERTY

INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 1, a = 25m

Line 4500N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4975	-4950	1	40	30	1.78	53.4	419	-3.7	-3.2	-3.4
-4975	-4950	-4925	1	35	10	1.00	10.0	90	6.0	5.8	5.6
-4950	-4925	-4900	1	90	30	2.63	78.9	275	6.0	5.5	5.5
-4925	-4900	-4875	1	230	100	1.87	187.0	255	2.4	0.3	-0.9
-4900	-4875	-4850	1	300	100	3.55	355.0	372	7.3	6.9	6.9
-4875	-4850	-4825	1	135	100	1.57	157.0	365	4.2	2.5	0.6
-4850	-4825	-4800	1	250	100	2.53	253.0	318	7.3	6.5	6.5
-4825	-4800	-4775	1	320	100	2.75	275.0	270	7.9	7.1	7.1
-4800	-4775	-4750	1	75	30	1.44	43.2	181	5.6	5.7	6.1
-4775	-4750	-4725	1	35	10	2.48	24.8	222	7.5	8.5	9.6
-4750	-4725	-4700	1	60	10	2.15	21.5	113	3.3	4.0	4.9
-4725	-4700	-4675	1	62	10	1.88	18.8	95	2.4	0.8	0.2
-4700	-4675	-4650	1	85	10	2.67	26.7	99	3.3	2.7	2.6
-4675	-4650	-4625	1	125	30	1.25	37.5	94	4.8	4.5	4.5
-4650	-4625	-4600	1	310	30	3.57	107.1	108	8.7	8.2	8.2
-4625	-4600	-4575	1	560	100	2.03	203.0	114	12.5	12.4	12.8
-4600	-4575	-4550	1	625	100	2.71	271.0	136	9.8	8.8	8.4
-4575	-4550	-4525	1	170	30	2.24	67.2	124	8.6	7.7	7.3
-4550	-4525	-4500	1	115	30	1.76	52.8	144	7.2	6.6	6.5
-4525	-4500	-4475	1	470	100	1.93	193.0	129	7.4	7.0	7.1
-4500	-4475	-4450	1	90	30	1.52	45.6	159	6.8	7.0	7.4
-4475	-4450	-4425	1	60	30	1.22	36.6	192	5.2	4.5	4.3
-4450	-4425	-4400	1	170	100	1.44	144.0	266	10.6	10.1	10.2
-4425	-4400	-4375	1	80	30	1.74	52.2	205	16.9	17.1	17.8
-4400	-4375	-4350	1	40	10	2.77	27.7	217	10.5	9.0	8.4
-4375	-4350	-4325	1	850	100	2.85	285.0	106	14.3	13.7	14.8
-4350	-4325	-4300	1	60	30	1.53	45.9	240	15.0	15.0	15.7
-4325	-4300	-4275	1	205	30	3.64	109.2	167	5.6	5.4	5.4
-4300	-4275	-4250	1	160	30	3.00	90.0	177	5.0	4.6	4.6
-4275	-4250	-4225	1	150	30	3.18	95.4	200	4.7	4.3	4.2
-4250	-4225	-4200	1	215	100	1.00	100.0	146	4.2	3.6	3.4
-4225	-4200	-4175	1	825	100	3.09	309.0	118	3.1	2.3	1.9
-4200	-4175	-4150	1	120	30	1.07	32.1	84	7.0	8.5	9.8
-4175	-4150	-4125	1	200	30	1.28	38.4	60	2.9	2.5	2.3
-4150	-4125	-4100	1	225	30	1.51	45.3	63	2.7	2.5	2.5
-4125	-4100	-4075	1	160	30	1.00	30.0	59	1.8	1.0	1.0
-4100	-4075	-4050	1	325	30	2.18	65.4	63	4.0	4.5	5.5
-4075	-4050	-4025	1	185	30	1.76	52.8	90	2.6	4.2	5.0
-4050	-4025	-4000	1	310	100	1.28	128.0	130	4.6	4.3	4.3

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 1, a = 25m

Line 4500N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	Res ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4950	-4925	2	40	10	1.78	17.8	419	5.0	4.9	4.9
-4975	-4925	-4900	2	140	10	1.53	15.3	103	6.0	6.0	6.2
-4950	-4900	-4875	2	90	10	2.93	29.3	307	5.8	4.4	4.3
-4925	-4875	-4850	2	230	30	2.54	76.2	312	2.4	0.1	-1.3
-4900	-4850	-4825	2	300	100	1.32	132.0	414	8.4	8.0	8.0
-4875	-4825	-4800	2	145	30	1.67	50.1	325	4.3	1.7	0.2
-4850	-4800	-4775	2	255	30	1.83	54.9	203	1.5	-1.4	-3.4
-4825	-4775	-4750	2	320	30	1.58	47.4	140	5.2	5.0	5.0
-4800	-4750	-4725	2	75	10	1.28	12.8	161	9.0	9.5	10.4
-4775	-4725	-4700	2	40	3	1.84	5.5	130	6.2	7.4	5.7
-4750	-4700	-4675	2	60	3	3.14	9.4	148	7.2	7.8	8.6
-4725	-4675	-4650	2	70	3	3.94	11.8	159	7.6	7.8	8.2
-4700	-4650	-4625	2	85	10	1.19	11.9	132	6.8	6.6	6.7
-4675	-4625	-4600	2	130	10	1.89	18.9	137	9.4	8.6	8.4
-4650	-4600	-4575	2	310	30	1.60	48.0	146	11.9	10.4	11.5
-4625	-4575	-4550	2	560	100	1.00	100.0	168	13.2	12.5	12.5
-4600	-4550	-4525	2	625	30	3.85	115.5	174	11.2	10.4	10.1
-4575	-4525	-4500	2	170	10	3.02	30.2	167	10.7	9.8	9.5
-4550	-4500	-4475	2	115	10	1.95	19.5	160	11.7	11.9	12.5
-4525	-4475	-4450	2	470	30	3.17	95.1	191	9.4	9.5	9.1
-4500	-4450	-4425	2	95	10	1.91	19.1	189	7.7	7.0	7.0
-4475	-4425	-4400	2	60	10	2.10	21.0	330	13.0	12.5	12.7
-4450	-4400	-4375	2	175	30	1.73	51.9	279	11.5	10.5	10.4
-4425	-4375	-4350	2	85	10	2.10	21.0	233	14.0	13.3	13.7
-4400	-4350	-4325	2	40	10	1.05	10.5	247	13.4	12.4	11.5
-4375	-4325	-4300	2	855	100	1.84	184.0	203	12.0	11.7	11.8
-4350	-4300	-4275	2	65	10	1.87	18.7	271	10.0	11.5	12.8
-4325	-4275	-4250	2	205	30	2.32	69.6	320	7.9	7.4	7.4
-4300	-4250	-4225	2	160	30	1.94	58.2	343	7.4	7.0	7.1
-4275	-4225	-4200	2	150	30	1.38	41.4	260	7.6	7.6	7.8
-4250	-4200	-4175	2	220	30	1.25	37.5	161	7.2	7.5	8.0
-4225	-4175	-4150	2	900	100	1.23	123.0	129	5.0	4.7	4.7
-4200	-4150	-4125	2	135	10	1.53	15.3	107	6.7	7.0	7.5
-4175	-4125	-4100	2	200	10	2.33	23.3	110	4.5	4.3	4.4
-4150	-4100	-4075	2	250	10	1.38	13.8	52	5.4	5.5	5.9
-4125	-4075	-4050	2	175	10	1.84	18.4	99	8.9	9.4	10.6
-4100	-4050	-4025	2	335	30	1.56	46.8	132	4.5	4.2	4.2
-4075	-4025	-4000	2	190	10	3.09	30.9	153	1.3	-1.1	-2.6

OMOX RESOURCES LTD. UDUK LAKE PROPERTY
 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2, a = 50m

Line 4000N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5400	-5300	-5250	2	115	3	2.83	8.5	139	4.9	5.1	3.9
-5350	-5250	-5200	2	75	3	1.31	3.9	99	11.6	14.0	8.5
-5300	-5200	-5150	2	130	3	2.71	8.1	118	5.6	1.3	-3.4
-5250	-5150	-5100	2	75	3	2.18	6.5	164	10.2	11.0	12.5
-5200	-5100	-5050	2	80	10	1.19	11.9	280	5.5	4.2	4.0
-5150	-5050	-5000	2	75	3	2.47	7.4	186	4.3	3.5	4.9
-5100	-5000	-4950	2	60	3	1.55	4.6	146	9.0	9.0	9.5
-5050	-4950	-4900	2	60	3	1.34	4.0	126	7.4	7.4	6.5
-5000	-4900	-4850	2	85	3	2.84	8.5	189	7.5	7.1	7.4
-4950	-4850	-4800	2	110	3	2.93	8.8	151	0.6	-2.3	-4.3
-4900	-4800	-4750	2	145	3	2.31	6.9	90	-2.1	-5.7	-6.4
-4850	-4750	-4700	2	140	10	1.17	11.7	157	3.8	2.5	1.8
-4800	-4700	-4650	2	180	10	2.37	23.7	248	7.0	6.0	6.0
-4750	-4650	-4600	2	150	10	1.47	14.7	185	7.0	6.6	6.3
-4700	-4600	-4550	2	80	3	2.35	7.0	166	3.4	1.9	-0.2
-4650	-4550	-4500	2	95	3	1.84	5.5	109	9.9	9.4	10.1
-4600	-4500	-4450	2	95	3	2.47	7.4	147	12.9	12.0	11.9
-4550	-4450	-4400	2	80	3	3.26	9.8	230	6.7	4.4	4.0
-4500	-4400	-4350	2	110	3	1.94	5.8	100	10.4	10.4	10.9
-4450	-4350	-4300	2	130	3	2.51	7.5	109	5.9	4.6	3.1
-4400	-4300	-4250	2	90	3	2.22	6.7	139	7.4	6.9	5.9
-4350	-4250	-4200	2	110	3	2.17	6.5	111	8.0	7.9	7.6
-4300	-4200	-4150	2	175	10	1.16	11.6	125	6.6	6.4	6.1
-4250	-4150	-4100	2	200	10	1.39	13.9	131	5.2	5.0	5.3
-4200	-4100	-4050	2	200	10	1.14	11.4	107	6.5	6.2	6.2
-4150	-4050	-4000	2	200	10	1.26	12.6	119	9.9	10.6	11.5
-4100	-4000	-3950	2	200	10	1.91	19.1	180	2.4	-0.7	-2.9
-4050	-3950	-3900	2	220	30	1.48	44.4	380	13.9	14.3	16.7
-4000	-3900	-3850	2	200	10	2.14	21.4	202	13.2	14.0	15.3
-3950	-3850	-3800	2	110	3	3.07	9.2	158	-4.0	-10.0	-13.9
-3900	-3800	-3750	2	85	10	2.08	20.8	461	10.2	13.4	14.2
-3850	-3750	-3700	2	100	30	2.02	60.6	1142	7.6	7.5	7.6
-3800	-3700	-3650	2	100	100	1.54	154.0	2901	7.3	5.5	5.5
-3750	-3650	-3600	2	95	30	1.54	46.2	916	10.9	10.4	10.5
-3700	-3600	-3550	2	120	10	1.64	16.4	257	3.7	3.2	2.6
-3650	-3550	-3500	2	50	3	2.65	8.0	300	9.2	9.9	10.9
-3600	-3500	-3450	2	30	3	1.19	3.6	224	7.7	7.8	8.3
-3550	-3450	-3400	2	92	3	1.08	3.2	66	6.1	5.7	5.9
-3500	-3400	-3350	2	130	10	1.23	12.3	178	6.8	6.5	6.5
-3450	-3350	-3300	2	95	3	2.17	6.5	129	9.8	10.8	11.3
-3400	-3300	-3250	2	95	3	1.52	4.6	90	6.2	5.7	5.6
-3350	-3250	-3200	2	145	3	2.05	6.1	80	5.7	5.2	4.8
-3300	-3200	-3150	2	90	3	1.44	4.3	90	7.0	8.5	9.4
-3250	-3150	-3100	2	120	3	1.55	4.6	73	4.4	4.0	3.4
-3200	-3100	-3050	2	100	3	1.21	3.6	68	5.6	4.9	4.0
-3150	-3050	-3000	2	100	3	1.06	3.2	60	4.7	5.0	5.6

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 PR-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 4200N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5400	-5300	-5250	2	600	10	2.29	22.9	72	4.3	3.4	2.9
-5350	-5250	-5200	2	550	30	1.53	45.9	157	15.0	2.0	-2.2
-5300	-5200	-5150	2	25	3	1.04	3.1	235	11.4	11.6	11.7
-5250	-5150	-5100	2	25	3	1.16	3.5	262	14.1	17.0	16.1
-5150	-5050	-5000	2	75	3	1.48	4.4	112	5.7	6.2	6.3
-5100	-5000	-4950	2	50	3	2.43	7.3	275	4.0	3.5	2.6
-5050	-4950	-4900	2	200	10	2.33	23.3	219	5.5	4.8	4.5
-5000	-4900	-4850	2	50	3	3.14	9.4	355	7.1	6.5	5.9
-4950	-4850	-4800	2	125	10	2.03	20.3	306	6.5	5.9	5.8
-4900	-4800	-4750	2	200	10	2.34	23.4	220	8.5	8.9	7.9
-4850	-4750	-4700	2	175	10	2.00	20.0	215	7.6	7.4	7.8
-4800	-4700	-4650	2	200	30	1.16	34.8	328	7.9	7.4	7.4
-4750	-4650	-4600	2	100	10	1.87	18.7	352	7.2	6.5	6.5
-4700	-4600	-4550	2	375	30	1.43	42.9	216	6.5	5.0	4.2
-4650	-4550	-4500	2	400	30	1.28	38.4	181	13.3	11.5	10.6
-4600	-4500	-4450	2	375	30	1.36	40.8	205	17.5	17.0	17.4
-4550	-4450	-4400	2	600	30	2.20	66.0	207	12.6	10.4	9.2
-4500	-4400	-4350	2	600	30	1.54	46.2	145	11.2	10.5	10.5
-4450	-4350	-4300	2	575	30	1.49	44.7	146	10.1	9.6	9.3
-4400	-4300	-4250	2	275	10	2.08	20.8	142	7.3	5.9	5.0
-4350	-4250	-4200	2	200	10	1.46	14.6	138	9.0	9.0	9.0
-4300	-4200	-4150	2	400	30	1.17	35.1	165	6.5	5.9	5.8
-4250	-4150	-4100	2	625	30	1.87	56.1	169	4.2	2.2	1.1
-4200	-4100	-4050	2	600	30	2.16	64.8	203	9.0	8.5	8.5
-4150	-4050	-4000	2	525	30	2.54	76.2	273	9.0	6.8	5.6
-4100	-4000	-3950	2	550	100	1.17	117.0	401	13.6	12.0	11.6
-4050	-3950	-3900	2	275	30	2.74	82.2	563	22.5	21.9	22.0
-4000	-3900	-3850	2	75	10	1.23	12.3	309	20.0	19.5	20.6
-3950	-3850	-3800	2	200	30	1.72	51.6	486	19.4	19.4	20.1
-3900	-3800	-3750	2	175	30	1.67	50.1	539	17.8	17.0	17.3
-3850	-3750	-3700	2	125	30	1.27	38.1	574	14.8	13.9	13.8
-3800	-3700	-3650	2	200	30	1.53	45.9	432	12.6	12.2	12.3
-3750	-3650	-3600	2	175	10	2.40	24.0	258	5.1	2.9	1.4
-3700	-3600	-3550	2	225	30	1.18	35.4	296	9.0	8.6	9.0
-3650	-3550	-3500	2	175	10	1.65	16.5	178	12.8	15.6	21.0
-3600	-3500	-3450	2	200	10	1.32	13.2	124	18.9	22.1	25.5
-3550	-3450	-3400	2	125	3	2.64	7.9	119	22.3	24.6	26.4
-3500	-3400	-3350	2	175	10	1.37	13.7	147	10.0	5.7	3.2
-3450	-3350	-3300	2	550	30	1.27	38.1	131	12.2	10.2	9.0
-3400	-3300	-3250	2	100	3	2.08	6.2	118	9.6	9.0	8.5
-3350	-3250	-3200	2	625	30	1.40	42.0	127	10.9	10.2	10.1
-3300	-3200	-3150	2	225	10	1.35	13.5	113	11.7	12.8	13.8
-3250	-3150	-3100	2	350	10	1.73	17.3	93	6.7	6.5	6.4
-3200	-3100	-3050	2	375	10	1.16	11.6	58	-1.5	-4.9	-7.2
-3150	-3050	-3000	2	600	10	2.28	22.8	72	1.6	-0.4	-1.8

MOX RESOURCES LTD. UDUK LAKE PROPERTY
 IPR-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 4400N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5100	-5000	-4950	2	450	30	1.59	47.7	200	5.3	4.9	4.6
-5050	-4950	-4900	2	200	30	1.04	31.2	294	2.6	1.6	1.5
-5000	-4900	-4850	2	200	10	2.56	25.6	241	5.1	5.1	6.0
-4950	-4850	-4800	2	325	30	2.10	63.0	365	8.1	7.1	6.8
-4900	-4800	-4750	2	100	10	1.63	16.3	307	10.3	8.3	8.5
-4850	-4750	-4700	2	225	10	1.48	14.8	124	4.6	4.2	4.3
-4800	-4700	-4650	2	125	10	1.18	11.8	178	10.0	9.5	9.4
-4750	-4650	-4600	2	150	10	2.33	23.3	293	7.2	6.5	6.5
-4700	-4600	-4550	2	300	30	2.39	71.7	450	22.2	21.9	20.9
-4650	-4550	-4500	2	325	30	1.78	53.4	310	12.8	11.2	10.6
-4600	-4500	-4450	2	100	10	1.24	12.4	234	22.0	23.0	26.0
-4550	-4450	-4400	2	200	30	1.49	44.7	421	26.0	23.1	22.0
-4500	-4400	-4350	2	50	10	1.00	10.0	377	24.0	26.0	28.0
-4450	-4350	-4300	2	250	30	1.49	44.7	337	18.1	18.5	19.2
-4400	-4300	-4250	2	400	30	2.67	80.1	377	14.1	13.6	13.9
-4350	-4250	-4200	2	400	30	1.95	58.5	276	12.0	11.6	11.7
-4300	-4200	-4150	2	375	30	1.37	41.1	206	9.5	9.2	9.8
-4250	-4150	-4100	2	400	30	1.64	49.2	232	8.8	9.6	9.9
-4200	-4100	-4050	2	300	10	2.89	28.9	181	7.2	7.6	7.6
-4150	-4050	-4000	2	300	30	1.08	32.4	203	9.5	8.9	8.8
-4100	-4000	-3950	2	300	30	1.19	35.7	224	7.6	6.4	6.1
-4050	-3950	-3900	2	700	30	1.73	51.9	140	7.6	7.3	7.4
-4000	-3900	-3850	2	125	10	2.28	22.8	344	7.1	6.6	6.2
-3950	-3850	-3800	2	225	10	3.93	39.3	329	8.4	8.0	8.0
-3900	-3800	-3750	2	175	30	1.65	49.5	533	7.8	7.4	7.5
-3850	-3750	-3700	2	200	30	1.20	36.0	339	12.8	12.3	12.4
-3800	-3700	-3650	2	175	30	1.56	46.8	504	14.3	13.5	13.6
-3750	-3650	-3600	2	125	10	1.43	14.3	216	7.2	7.2	6.8
-3700	-3600	-3550	2	400	30	1.67	50.1	236	11.6	10.5	11.0
-3650	-3550	-3500	2	200	10	1.28	12.8	121	9.9	9.0	10.0
-3600	-3500	-3450	2	100	3	2.07	6.2	117	13.3	15.4	14.3
-3550	-3450	-3400	2	150	3	3.33	10.0	125	15.5	15.6	16.1
-3500	-3400	-3350	2	850	30	2.11	63.3	140	12.0	11.5	11.4
-3450	-3350	-3300	2	400	10	2.45	24.5	115	8.0	5.6	4.1
-3400	-3300	-3250	2	75	3	1.66	5.0	125	13.2	13.5	13.3
-3350	-3250	-3200	2	150	10	2.68	26.8	337	12.0	8.8	7.7
-3300	-3200	-3150	2	250	10	1.39	13.9	105	7.6	7.4	7.2
-3250	-3150	-3100	2	1050	30	1.66	49.8	89	5.2	5.0	5.1
-3200	-3100	-3050	2	150	10	1.12	11.2	141	9.0	8.2	8.0
-3150	-3050	-3000	2	550	10	3.28	32.8	112	6.2	5.9	5.8

MOX RESOURCES LTD. UDUK LAKE PROPERTY
R-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 4400N

C2	P1	P2	n	I	Vr	Vm	Vp	RES	M31	M32	M33
				ma	mv	mv	mv	ohm-m	ms	ms	ms

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 R-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 4600N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4900	-4850	2	50	3	2.51	7.5	284	3.5	2.4	1.9
-4950	-4850	-4800	2	175	10	1.63	16.3	175	13.6	16.9	19.8
-4900	-4800	-4750	2	175	10	1.67	16.7	180	15.6	19.5	22.5
-4850	-4750	-4700	2	75	3	2.34	7.0	176	13.2	13.8	16.1
-4800	-4700	-4650	2	100	10	1.71	17.1	322	9.6	9.0	9.3
-4750	-4650	-4600	2	175	3	2.95	8.9	95	8.0	7.5	7.4
-4700	-4600	-4550	2	100	3	2.07	6.2	117	9.0	8.9	8.4
-4650	-4550	-4500	2	550	30	1.74	52.2	179	10.6	10.7	11.3
-4600	-4500	-4450	2	100	3	3.03	9.1	171	10.6	10.2	10.6
-4550	-4450	-4400	2	150	10	1.62	16.2	203	10.0	9.8	9.9
-4500	-4400	-4350	2	200	10	2.13	21.3	201	8.6	8.0	8.0
-4450	-4350	-4300	2	600	30	1.88	56.4	177	9.4	9.0	9.4
-4400	-4300	-4250	2	200	10	3.47	34.7	327	10.4	9.2	9.7
-4350	-4250	-4200	2	150	10	2.37	23.7	298	9.6	9.2	9.3
-4300	-4200	-4150	2	575	30	1.77	53.1	174	8.1	7.8	7.9
-4250	-4150	-4100	2	150	10	1.64	16.4	206	8.2	7.7	8.0
-4200	-4100	-4050	2	50	3	1.73	5.2	196	22.0	29.0	34.0
-4150	-4050	-4000	2	175	3	3.52	10.6	114	17.0	22.2	26.0
-4100	-4000	-3950	2	450	10	2.52	25.2	106	5.4	5.0	5.1
-4050	-3950	-3900	2	175	3	3.41	10.2	110	6.1	6.0	5.8
-4000	-3900	-3850	2	250	10	1.37	13.7	103	6.5	6.1	6.0
-3950	-3850	-3800	2	650	30	1.31	39.3	114	6.1	5.5	5.3
-3900	-3800	-3750	2	225	10	1.34	13.4	112	6.9	6.5	7.0
-3850	-3750	-3700	2	400	30	1.00	30.0	141	5.0	3.2	2.5
-3800	-3700	-3650	2	500	10	2.45	24.5	92	9.8	9.0	10.4
-3700	-3600	-3550	2	100	3	1.69	5.1	96	7.0	4.8	3.0
-3650	-3550	-3500	2	500	10	2.44	24.4	92	9.0	8.0	7.6
-3600	-3500	-3450	2	500	30	1.50	45.0	170	10.8	10.0	10.0
-3550	-3450	-3400	2	200	10	2.23	22.3	210	18.5	19.0	23.0
-3500	-3400	-3350	2	375	10	2.42	24.2	122	17.4	16.9	17.3
-3450	-3350	-3300	2	300	30	1.13	33.9	213	18.4	17.7	18.2
-3400	-3300	-3250	2	175	10	2.03	20.3	219	17.6	17.2	17.7
-3350	-3250	-3200	2	600	30	1.58	47.4	149	18.9	18.4	18.8
-3300	-3200	-3150	2	200	10	2.44	24.4	230	23.3	22.0	22.3
-3250	-3150	-3100	2	300	30	1.01	30.3	190	27.9	30.2	34.0
-3200	-3100	-3050	2	150	10	1.73	17.3	217	2.0	23.8	25.0
-3150	-3050	-3000	2	275	30	1.15	34.5	236	14.7	13.6	13.5
-3100	-3000	-2950	2	100	3	2.78	8.3	157	10.0	9.6	9.6
-3050	-2950	-2900	2	125	3	2.79	8.4	126	16.0	21.0	24.0
-3000	-2900	-2850	2	200	10	1.34	13.4	126	6.4	5.9	5.8
-2950	-2850	-2800	2	175	3	2.79	8.4	90	4.5	3.8	3.5
-2900	-2800	-2750	2	225	3	3.24	9.7	81	4.9	4.0	3.2
-2850	-2750	-2700	2	175	3	1.87	5.6	60	8.5	9.4	10.0

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 PR-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 4800N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4900	-4850	2	750	30	1.54	46.2	116	5.5	4.9	5.2
-4950	-4850	-4800	2	420	10	3.98	39.8	179	7.8	6.9	6.8
-4900	-4800	-4750	2	60	3	2.68	8.0	252	10.3	9.6	9.5
-4850	-4750	-4700	2	180	10	1.52	15.2	159	10.2	9.6	9.9
-4800	-4700	-4650	2	275	10	1.77	17.7	121	1.4	-1.0	-2.6
-4750	-4650	-4600	2	200	10	1.65	16.5	155	8.0	7.4	7.0
-4700	-4600	-4550	2	165	10	2.44	24.4	279	10.4	9.8	10.0
-4650	-4550	-4500	2	180	10	2.53	25.3	265	11.2	9.7	9.0
-4600	-4500	-4450	2	375	30	1.74	52.2	262	14.8	13.9	13.9
-4550	-4450	-4400	2	450	30	2.44	73.2	306	12.4	11.9	12.0
-4500	-4400	-4350	2	640	30	2.84	85.2	251	14.1	13.6	13.9
-4450	-4350	-4300	2	120	10	1.54	15.4	242	12.7	12.5	12.9
-4350	-4250	-4200	2	75	13	1.84	23.9	601	11.9	12.2	13.1
-4300	-4200	-4150	2	140	10	2.85	28.5	384	8.0	6.2	5.2
-4250	-4150	-4100	2	215	10	2.97	29.7	260	10.3	9.9	10.0
-4200	-4100	-4050	2	165	10	1.81	18.1	207	8.5	8.0	8.1
-4150	-4050	-4000	2	80	10	1.41	14.1	332	10.2	9.8	9.8
-4100	-4000	-3950	2	225	10	1.94	19.4	162	2.0	-0.2	-1.5
-4050	-3950	-3900	2	900	10	1.44	14.4	30	4.2	3.7	3.7
-4000	-3900	-3850	2	250	3	3.15	9.5	71	3.2	2.4	2.0
-3950	-3850	-3800	2	335	10	1.46	14.6	82	2.5	1.5	1.1
-3900	-3800	-3750	2	250	10	1.15	11.5	87	9.6	11.3	12.9
-3850	-3750	-3700	2	875	30	1.32	39.6	85	6.8	6.4	6.3
-3800	-3700	-3650	2	330	10	1.80	18.0	103	5.5	4.4	3.2
-3750	-3650	-3600	2	400	10	2.68	26.8	126	5.5	4.5	4.4
-3700	-3600	-3550	2	280	100	1.45	145.0	976	5.5	5.2	5.1
-3650	-3550	-3500	2	220	30	2.54	76.2	653	3.5	2.3	1.7
-3600	-3500	-3450	2	165	3	3.02	9.1	103	3.6	5.4	5.7
-3550	-3450	-3400	2	50	3	2.81	8.4	318	22.0	20.6	20.0
-3500	-3400	-3350	2	130	10	2.13	21.3	309	9.3	7.7	10.2
-3450	-3350	-3300	2	255	10	3.10	31.0	229	9.3	7.5	6.7
-3400	-3300	-3250	2	195	10	3.98	39.8	385	24.5	23.0	22.7
-3350	-3250	-3200	2	175	10	1.63	16.3	175	17.5	17.0	16.9
-3300	-3200	-3150	2	825	10	1.54	15.4	35	14.0	13.6	12.2
-3250	-3150	-3100	2	190	10	1.83	18.3	181	19.5	17.4	16.6
-3200	-3100	-3050	2	345	10	2.86	28.6	156	16.6	16.2	17.1
-3150	-3050	-3000	2	125	10	1.91	19.1	288	14.2	14.2	15.0
-3100	-3000	-2950	2	220	30	1.43	42.9	367	15.4	15.6	14.7
-3050	-2950	-2900	2	700	30	2.72	81.6	220	10.6	10.6	11.1
-3000	-2900	-2850	2	95	3	2.24	6.7	133	9.5	9.5	9.7
-2950	-2850	-2800	2	200	10	2.12	21.2	200	2.9	1.0	-0.1

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 PR-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 5000N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4900	-4850	2	825	30	1.34	40.2	92	27.0	27.0	28.0
-4950	-4850	-4800	2	620	30	1.29	38.7	118	20.0	17.5	16.4
-4900	-4800	-4750	2	830	30	3.22	96.6	219	-16.7	-17.5	-18.2
-4850	-4750	-4700	2	610	30	1.38	41.4	128	-7.3	-8.7	-9.8
-4800	-4700	-4650	2	720	30	1.87	56.1	147	10.7	8.6	7.6
-4750	-4650	-4600	2	695	30	1.46	43.8	119	18.4	16.2	15.3
-4700	-4600	-4550	2	310	30	1.27	38.1	232	-1.0	-6.0	-7.5
-4650	-4550	-4500	2	185	10	1.08	10.8	110	16.8	16.0	16.4
-4600	-4500	-4450	2	175	10	1.19	11.9	128	4.6	2.9	1.6
-4550	-4450	-4400	2	65	10	1.28	12.8	371	8.4	8.0	7.6
-4500	-4400	-4350	2	90	3	1.47	4.4	92	14.4	9.0	9.0
-4450	-4350	-4300	2	245	3	2.47	7.4	57	25.0	19.6	17.2
-4400	-4300	-4250	2	260	10	2.02	20.2	146	11.9	10.8	10.5
-4350	-4250	-4200	2	675	30	1.49	44.7	125	8.4	6.1	5.2
-4300	-4200	-4150	2	1025	30	3.25	97.5	179	9.0	8.5	9.6
-4250	-4150	-4100	2	35	3	1.38	4.1	223	4.4	1.8	0.4
-4200	-4100	-4050	2	140	10	1.46	14.6	196	8.8	8.5	8.4
-4150	-4050	-4000	2	370	30	1.91	57.3	292	4.2	2.3	1.4
-4100	-4000	-3950	2	225	10	1.88	18.8	157	3.8	2.7	2.1
-4050	-3950	-3900	2	140	10	1.22	12.2	164	7.3	6.5	6.4
-4000	-3900	-3850	2	205	30	2.22	66.6	612	10.3	9.4	9.0
-3950	-3850	-3800	2	300	30	1.53	45.9	288	22.0	20.5	20.0
-3900	-3800	-3750	2	280	3	2.63	7.9	53	23.5	23.8	24.0
-3850	-3750	-3700	2	80	3	2.54	7.6	179	21.9	22.1	23.2
-3800	-3700	-3650	2	920	30	3.15	94.5	194	17.4	16.2	16.0
-3750	-3650	-3600	2	805	30	1.23	36.9	86	19.0	18.5	18.8
-3700	-3600	-3550	2	250	10	2.10	21.0	158	15.4	14.8	15.0
-3650	-3550	-3500	2	120	10	1.40	14.0	220	19.6	18.0	17.9
-3600	-3500	-3450	2	300	10	2.68	26.8	168	26.0	24.1	24.0
-3550	-3450	-3400	2	270	10	1.83	18.3	128	25.8	25.0	26.0
-3500	-3400	-3350	2	190	10	1.33	13.3	132	20.0	18.7	18.4
-3450	-3350	-3300	2	210	10	2.44	24.4	219	17.8	16.7	16.7
-3400	-3300	-3250	2	320	10	2.38	23.8	140	10.5	8.8	7.9
-3350	-3250	-3200	2	290	10	2.45	24.5	159	11.2	12.3	12.8
-3300	-3200	-3150	2	290	10	2.50	25.0	162	15.9	16.1	16.7
-3250	-3150	-3100	2	280	10	2.33	23.3	157	15.5	15.4	15.8
-3200	-3100	-3050	2	310	10	2.44	24.4	148	13.8	12.8	12.8
-3150	-3050	-3000	2	610	10	2.44	24.4	75	11.2	9.9	9.5
-3100	-3000	-2950	2	285	10	3.32	33.2	219	8.4	7.5	5.6
-3050	-2950	-2900	2	355	30	1.44	43.2	229	13.3	12.5	12.6
-3000	-2900	-2850	2	60	3	2.48	7.4	234	8.0	6.2	5.5
-2950	-2850	-2800	2	155	10	2.14	21.4	260	10.0	9.6	9.5
-2900	-2800	-2750	2	190	10	2.36	23.6	234	6.2	3.8	2.3

COMOX RESOURCES LTD. UDUK LAKE PROPERTY
 R-8 INDUCED POLARIZATION SURVEY Pole-Dipole Array n = 2 a = 50m

Line 5200N

C2	P1	P2	n	I ma	Vr mv	Vm mv	Vp mv	RES ohm-m	M31 ms	M32 ms	M33 ms
-5000	-4900	-4850	2	610	30	1.50	45.0	139	9.9	8.6	8.2
-4950	-4850	-4800	2	85	3	2.53	8.0	168	2.0	-0.6	-1.9
-4900	-4800	-4750	2	255	10	3.53	35.3	261	8.6	8.1	8.2
-4850	-4750	-4700	2	415	100	1.31	131.0	595	9.4	7.8	7.1
-4800	-4700	-4650	2	185	30	3.29	98.7	1005	6.9	5.7	5.3
-4750	-4650	-4600	2	330	30	1.64	49.2	281	9.1	7.6	7.3
-4700	-4600	-4550	2	165	30	1.66	49.8	569	10.0	8.7	8.4
-4650	-4550	-4500	2	300	30	2.06	61.8	388	6.6	4.4	3.2
-4600	-4500	-4450	2	90	10	1.87	18.7	391	7.7	6.5	5.8
-4550	-4450	-4400	2	245	30	1.66	49.8	383	4.3	2.3	1.1
-4500	-4400	-4350	2	195	10	3.28	32.8	317	-21.0	-17.4	-16.9
-4450	-4350	-4300	2	790	30	2.83	84.9	202	2.9	0.2	-1.6
-4400	-4300	-4250	2	180	10	1.40	14.0	147	8.1	7.6	7.1
-4350	-4250	-4200	2	235	10	1.48	14.8	119	6.9	6.6	6.6
-4300	-4200	-4150	2	785	30	2.61	78.3	188	7.5	7.2	7.4
-4250	-4150	-4100	2	595	30	3.04	91.2	289	6.5	5.2	3.9
-4200	-4100	-4050	2	740	30	1.43	42.9	109	8.9	8.5	8.7
-4150	-4050	-4000	2	125	10	1.04	10.4	157	6.0	3.5	2.1
-4100	-4000	-3950	2	755	30	2.50	75.0	187	8.4	6.7	6.0
-4050	-3950	-3900	2	145	10	1.63	16.3	212	4.6	0.4	-1.6
-4000	-3900	-3850	2	450	30	2.36	70.8	296	14.4	13.0	12.6
-3950	-3850	-3800	2	210	10	3.26	32.6	292	25.5	25.3	26.0
-3900	-3800	-3750	2	770	30	1.74	52.2	128	22.3	22.1	23.0
-3850	-3750	-3700	2	155	10	1.17	11.7	142	28.7	28.2	29.5
-3800	-3700	-3650	2	85	3	2.75	8.3	183	25.2	25.0	26.0
-3750	-3650	-3600	2	375	10	1.76	17.6	88	20.0	19.4	19.7
-3700	-3600	-3550	2	130	3	2.23	6.7	97	10.8	10.0	9.5
-3650	-3550	-3500	2	910	30	1.63	48.9	101	13.0	11.4	10.7
-3600	-3500	-3450	2	780	30	2.09	62.7	151	32.8	32.2	32.8
-3550	-3450	-3400	2	555	10	3.06	30.6	104	22.5	22.5	22.0
-3500	-3400	-3350	2	350	10	2.49	24.9	134	15.8	14.6	14.2
-3450	-3350	-3300	2	280	10	1.77	17.7	119	24.0	22.8	20.5
-3400	-3300	-3250	2	335	10	1.45	14.5	82	20.5	20.0	20.8
-3350	-3250	-3200	2	855	30	1.94	58.2	128	22.0	22.0	22.1
-3300	-3200	-3150	2	120	10	1.87	18.7	294	21.0	19.5	19.4
-3250	-3150	-3100	2	730	10	2.48	24.8	64	14.8	11.9	10.2
-3200	-3100	-3050	2	730	10	1.96	19.6	51	15.8	15.4	15.7
-3150	-3050	-3000	2	435	10	2.57	25.7	111	15.2	13.5	13.0

APPENDIX V

Affidavit of Expenses

AFFIDAVIT OF EXPENSES

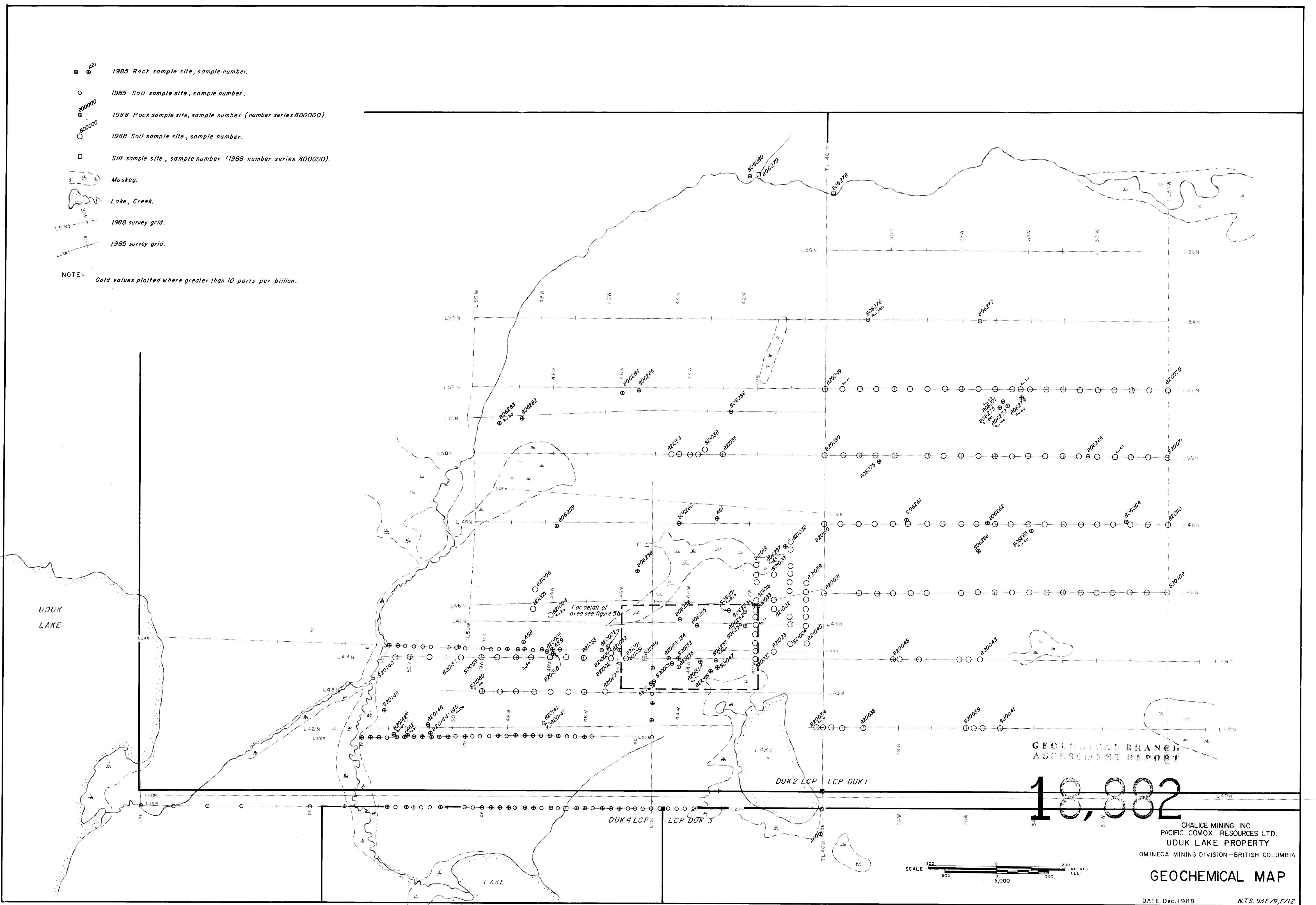
This will certify that diamond drilling was carried out on the Uduk Lake property, Omineca Mining Division, British Columbia during the period October 10 to November 30, 1988, to the value of the following.

<u>Field</u>		
Personnel	18 days @ \$330/day	\$ 5,940.00
Assistant	18 days @ \$200/day	3,600.00
Cook	18 days @ \$235/day	4,230.00
Co-ordinator	20 days @ \$200/day	4,000.00
Analysis	117 Assays (Au) @ \$8.25/sample	965.25
Transportation	Vehicle Rental 18 days @ \$40/day	720.00
	Mileage 2,800 km. @ \$0.15/km.	420.00
	Gas/Oil	223.09
	Helicopter	25,333.77
	Fuel	1,250.00
	Freight	230.00
Room and Board		2,110.58
Field Supplies		274.35
Communication		100.00
<u>Drilling</u>		
Mob/Demob		5,000.00
Drilling		36,240.69
<u>Report</u>		<u>6,400.00</u>
	TOTAL	\$97,037.73

Donald G. Allen

- ⊙ 1985 Rock sample site, sample number.
- 1985 Soil sample site, sample number.
- ⊙ 800000 1988 Rock sample site, sample number (number series 800000).
- 800000 1988 Soil sample site, sample number.
- Silt sample site, sample number (1988 number series 800000).
- ☼ Muskeg.
- ☼ Lake, Creek.
- 1988 survey grid.
- 1985 survey grid.

NOTE: Gold values plotted where greater than 10 parts per billion.



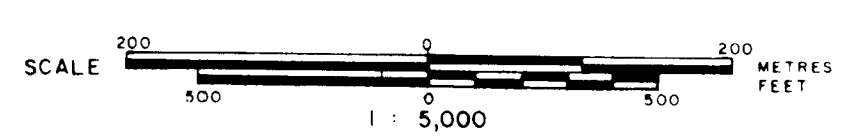
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,882

CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION—BRITISH COLUMBIA

GEOCHEMICAL MAP

DATE Dec. 1988 N.T.S. 93E/9,F/12



J. Brantlee

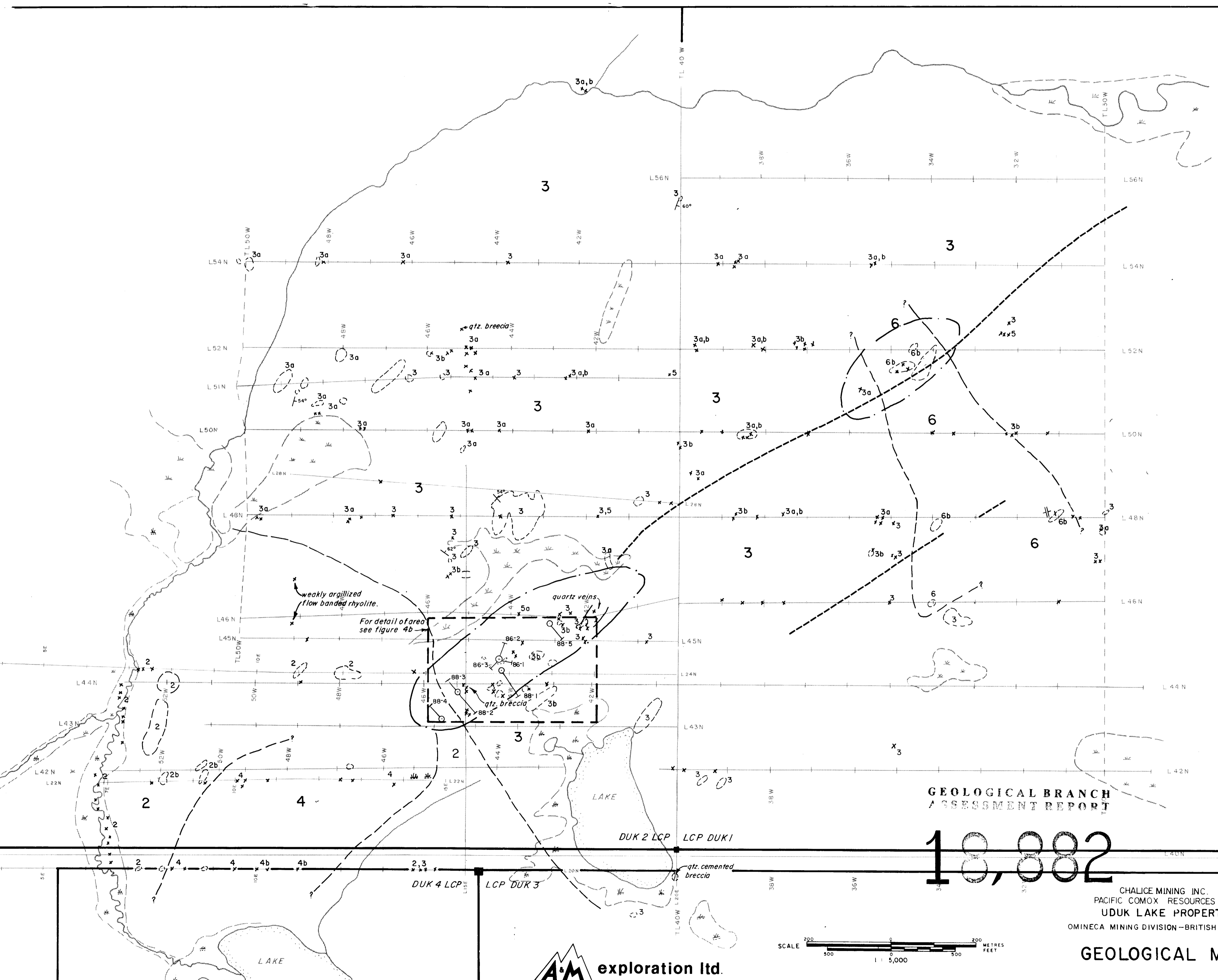
FIGURE 5a

SYMBOLS

- 88-1 Diamond drill hole.
- Geological contact.
- Float, Outcrop.
- Quartz vein attitude.
- Cleavage and/or flow structure.
- Airphoto linear.
- Muskeg.
- Lake, Creek.
- 1988 survey grid.
- 1985 survey grid.

LEGEND

- 6 Granite
- 5 Andesite - dacite.
- 4 Porphyritic dacite locally with orbicular texture.
- 3 Quartz eye rhyolite.
- 2 Flow banded felsite and rhyolite.
- 1 Felsite tuff - breccia.
- a Argillic alteration.
- b Moderate to intense quartz veining.
- c Brecciated.
- Zone of abundant quartz veining and brecciation.



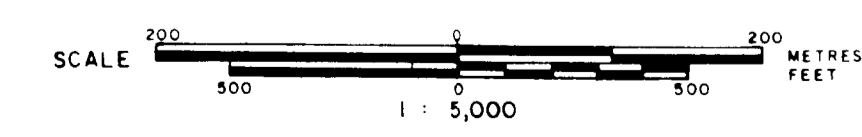
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,882

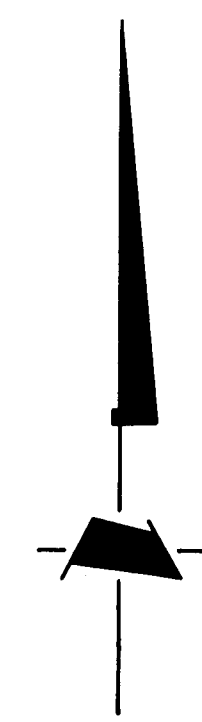
CHALICE MINING INC.
PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
OMINECA MINING DIVISION - BRITISH COLUMBIA

GEOLOGICAL MAP

DATE Dec. 1988 N.T.S. 93 E/9, F/12



J. Brindley



LEGEND

- EOCENE**
OUTSA LAKE GROUP
- 4 Porphyritic latite - dacite, locally with orbicular texture; 4b dacite breccia.
 - 3 Cherty quartz eye rhyolite; 3b Silicified rhyolite breccia.
 - 2 Flow banded felsite and rhyolite
 - 1 Felsite tuff - breccia

SYMBOLS

- BIKE25 Soil
 - BIKE26 Silt
 - ⊙BIKE20 Rock chip
- } Sample site, sample number.
- Outcrop area
 - x x Suboutcrop and/or boulder
 - - - Geological contact
 - Area of abundant outcrop and thin overburden
 - ↙ Bedding attitude
 - - - Boundary of alteration zone.
 - Legal corner post, claim boundary
 - - - Claim unit boundary
 - ~ Topographic contour (contour interval 100 feet)
 - ~ Stream
 - ⊙ Swamp

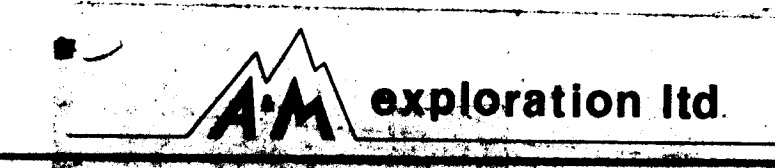
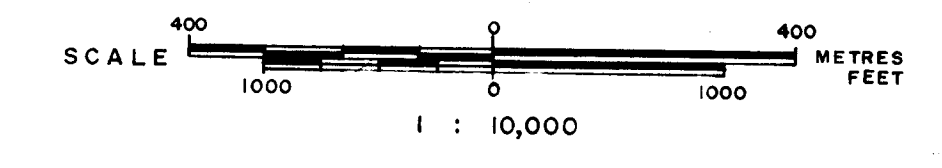
NOTE: Geology by C. Hodgson, S. Enns, B. Cool, R. Dubyk,
 D.G. Allen (Geomatics Resources Inc.)

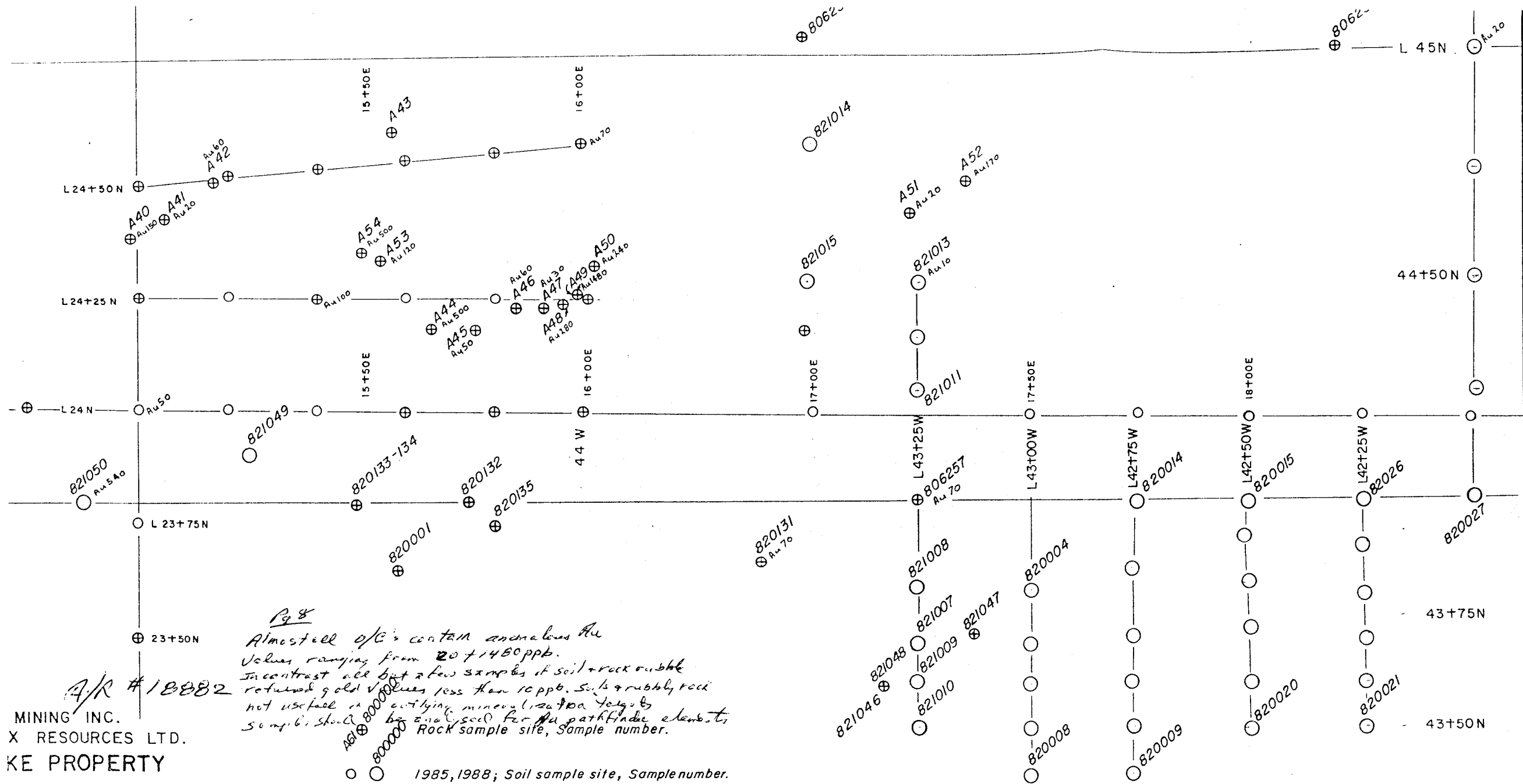
GEOLOGICAL BRANCH ASSESSMENT REPORT

18,882

UDUK LAKE PROPERTY
 MINTECHA MINING DIVISION—BRITISH COLUMBIA

GEOLOGICAL AND GEOCHEMICAL MAP (PRE-1985)





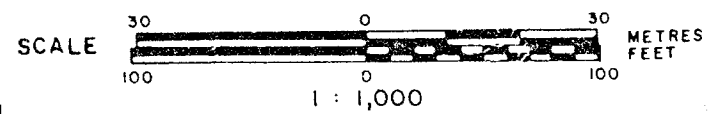
P 8
 Almost all o/c's contain anomalous Au
 Values ranging from 20 to 1480 ppb.
 In contrast all but a few samples of soil + rock rubble
 returned gold values less than 10 ppb. Soils + rubble rock
 not useful in outlining mineralization targets
 Samples should be analyzed for Au pathfinder elements
 Rock sample site, Sample number.

○ ○ 1985, 1988; Soil sample site, Sample number.

A/R #18882
 MINING INC.
 X RESOURCES LTD.
 KE PROPERTY
 VISION - BRITISH COLUMBIA
MICAL MAP
TAIL AREA

NOTE: Gold values plotted where greater than 10 parts per billion.

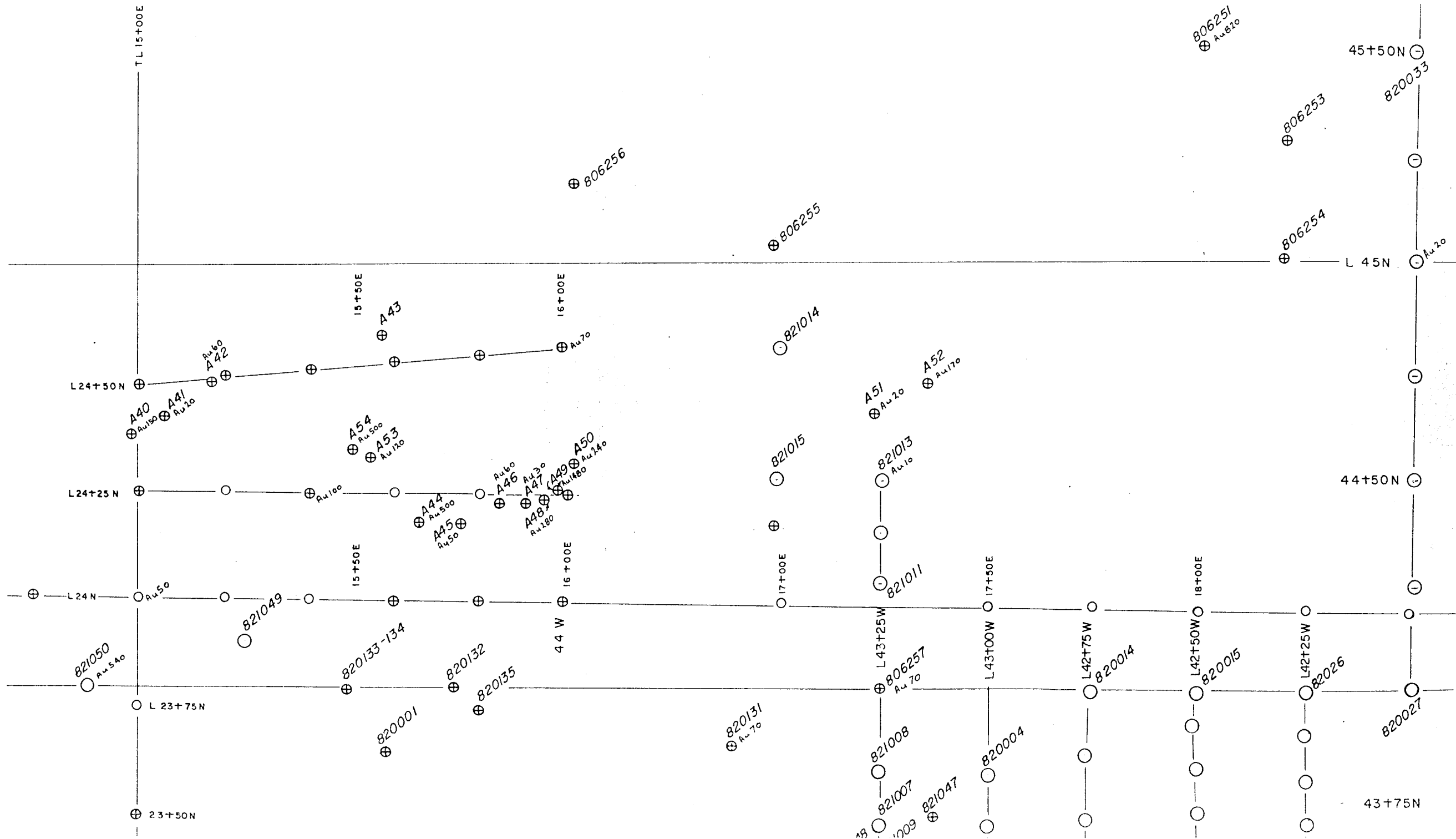
1988 number series 800000.



N.T.S. 93E/9, F/12

R. Brown

FIGURE 5b



821050
Au 540

821049

820133-134

820001

820132

820135

820131
Au 70

821008

821007

821047

820004

820014

820015

820026

820027

806256

806255

821014

821015

821013
Au 10

821011

806257
Au 70

L 43+00W

L 42+75W

L 42+50W

L 42+25W

806251
Au 820

806253

806254

L 45N

44+50N

45+50N

820033

43+75N