

Group Certificate #741

Tanya 1 to 15 Y55505 to Y55519

Tanya 17 Y64004

Group Certificate #742

Tanya 16 Y55520

Tanya 18 to 24 Y64005 to Y64011

HOKO EXPLORATION LTD. N.P.L.

TANYA CLAIMS

Watson Lake Mining District  
Yukon Territory

Showing the location of Diamond Drill Holes  
in relation to Claim Posts.

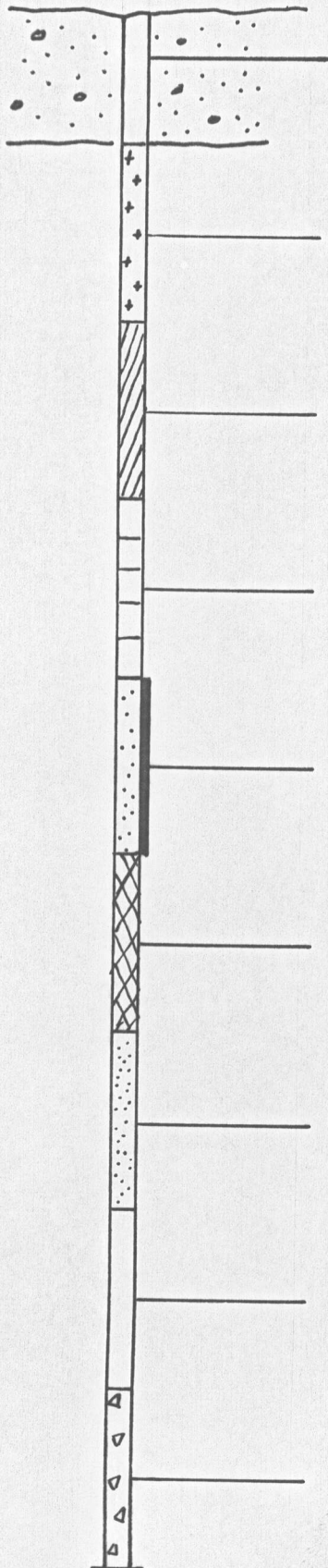
Scale 1 in : 500 ft.

*CURB*

091183

DD-95

DIAMOND DRILL HOLE SYMBOLS



Casing In Overburden

Skarn

Gneiss & Schist

Limestone

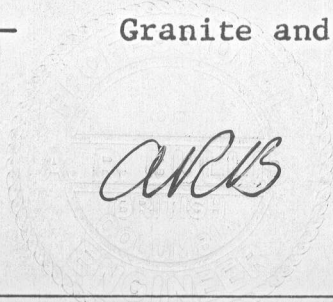
Vein, showing limit of Sample  
and Disseminated Sulfides.

Rock Breccia

Base Metal & Iron Sulfides, disseminated.

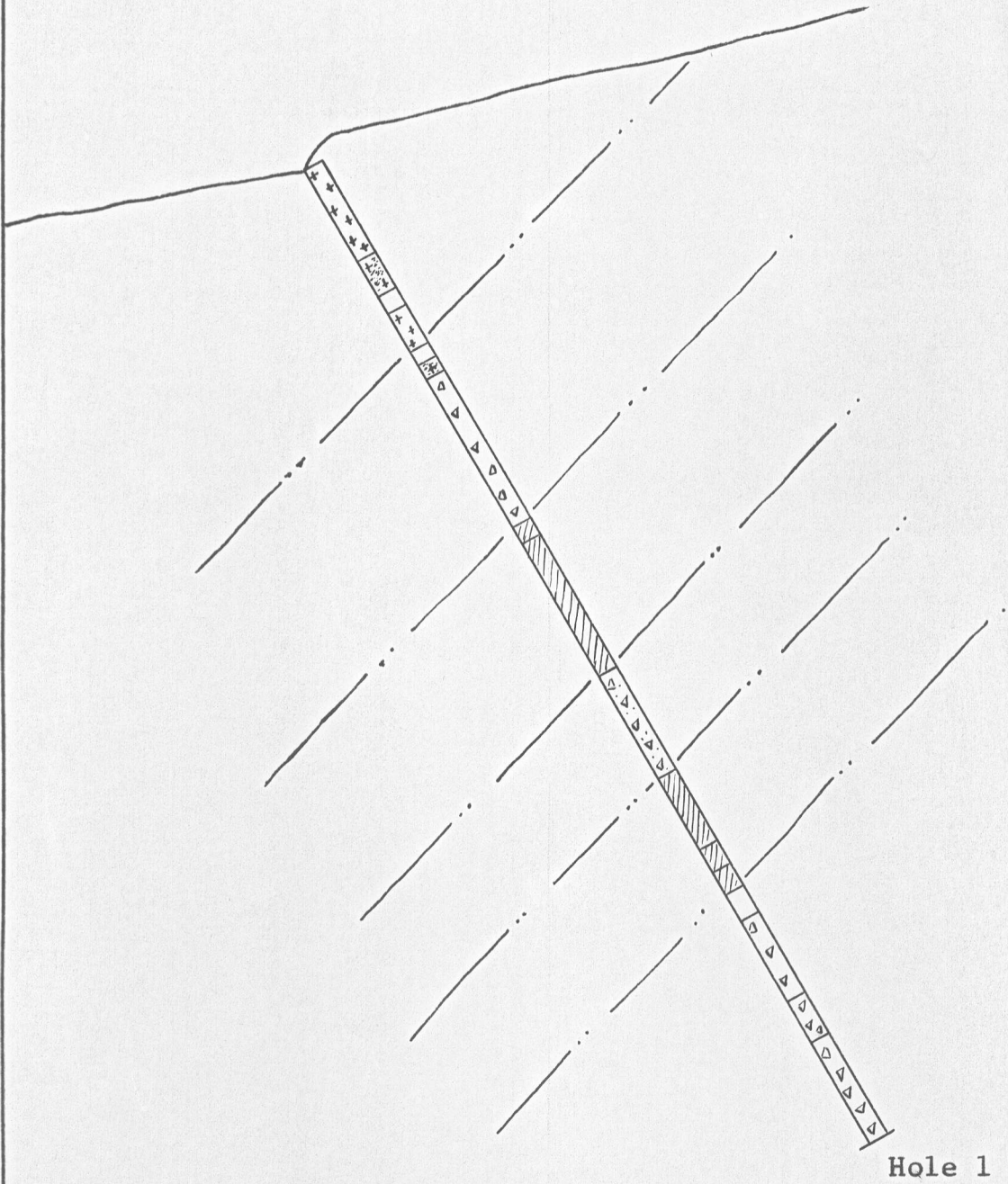
Quartz and / or Felsite Dyke

Granite and / or Quartz Monzonite



Azimuth 230 °

DD-95



Hole 1

TANYA 17 MINERAL CLAIM

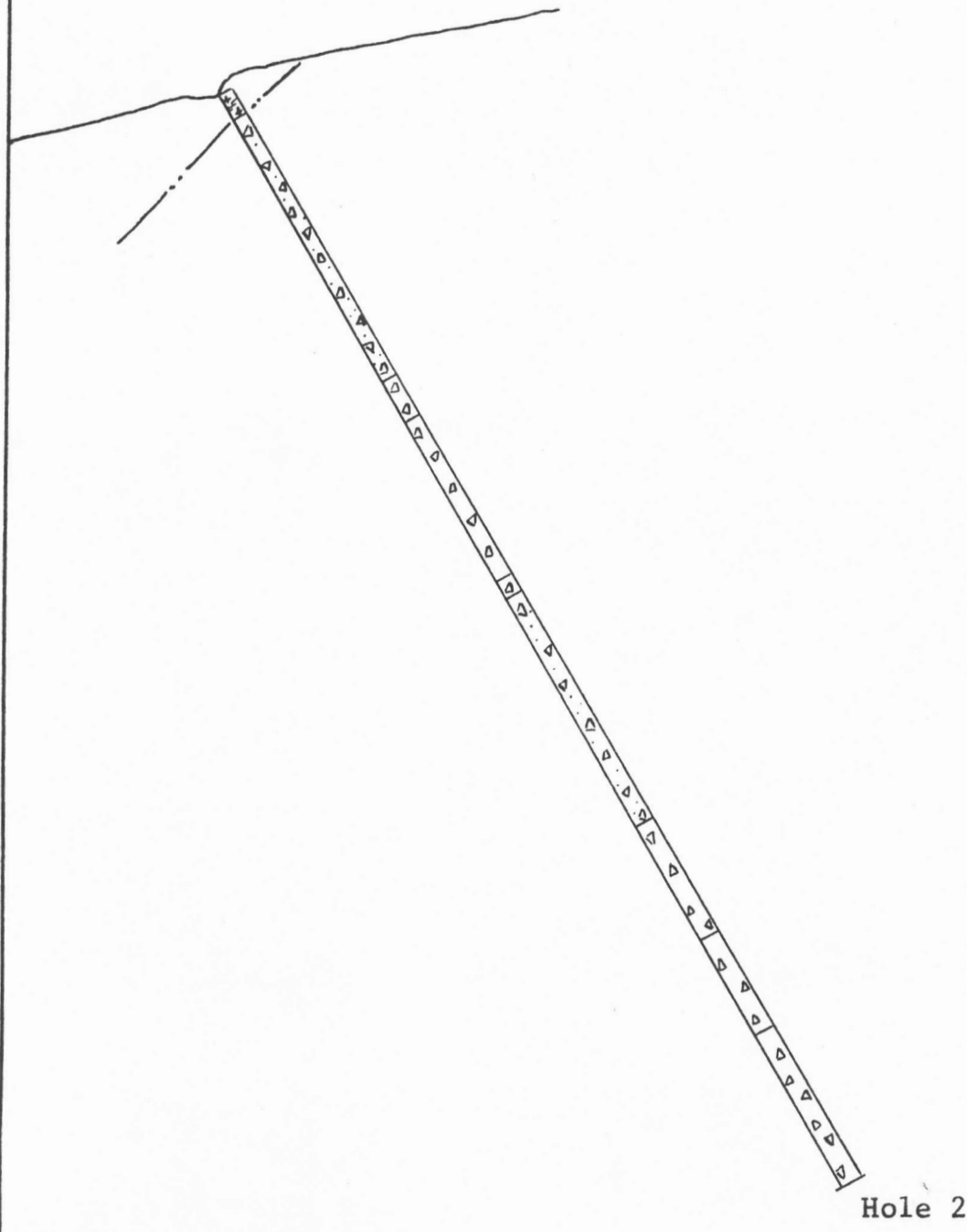
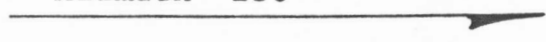
D. D. HOLE 1

Scale: 1 inch : 20 ft.

*CURB*

DD-94

Azimuth 230 °



Hole 2

*CRB*

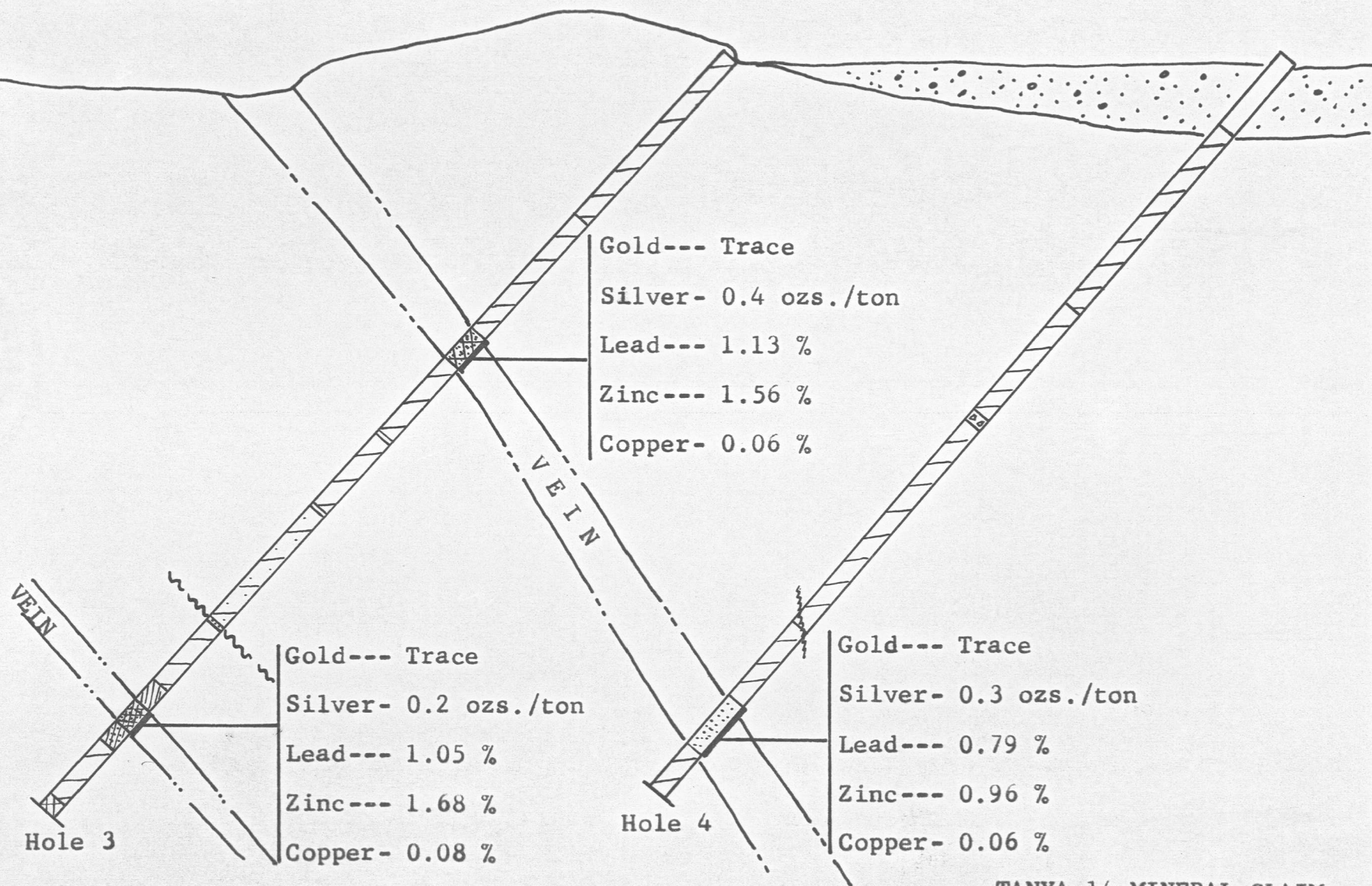
TANYA 18 MINERAL CLAIM

D. D. HOLE 2

Scale: 1 inch : 20 ft.

Azimuth 105 °

CMB

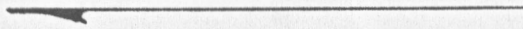


TANYA 14 MINERAL CLAIM

D. D. HOLES 3 AND 4

Scale: 1 inch: 20 ft.

Azimuth 190 °



Creek

VEIN

Hole 5

Hole 6

Gold---	Trace
Silver-	0.8 ozs./ton
Lead---	0.80 %
Zinc---	1.64 %
Copper-	0.13 %

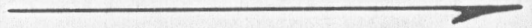
TANYA 13 MINERAL CLAIM

D. D. HOLES 5 AND 6

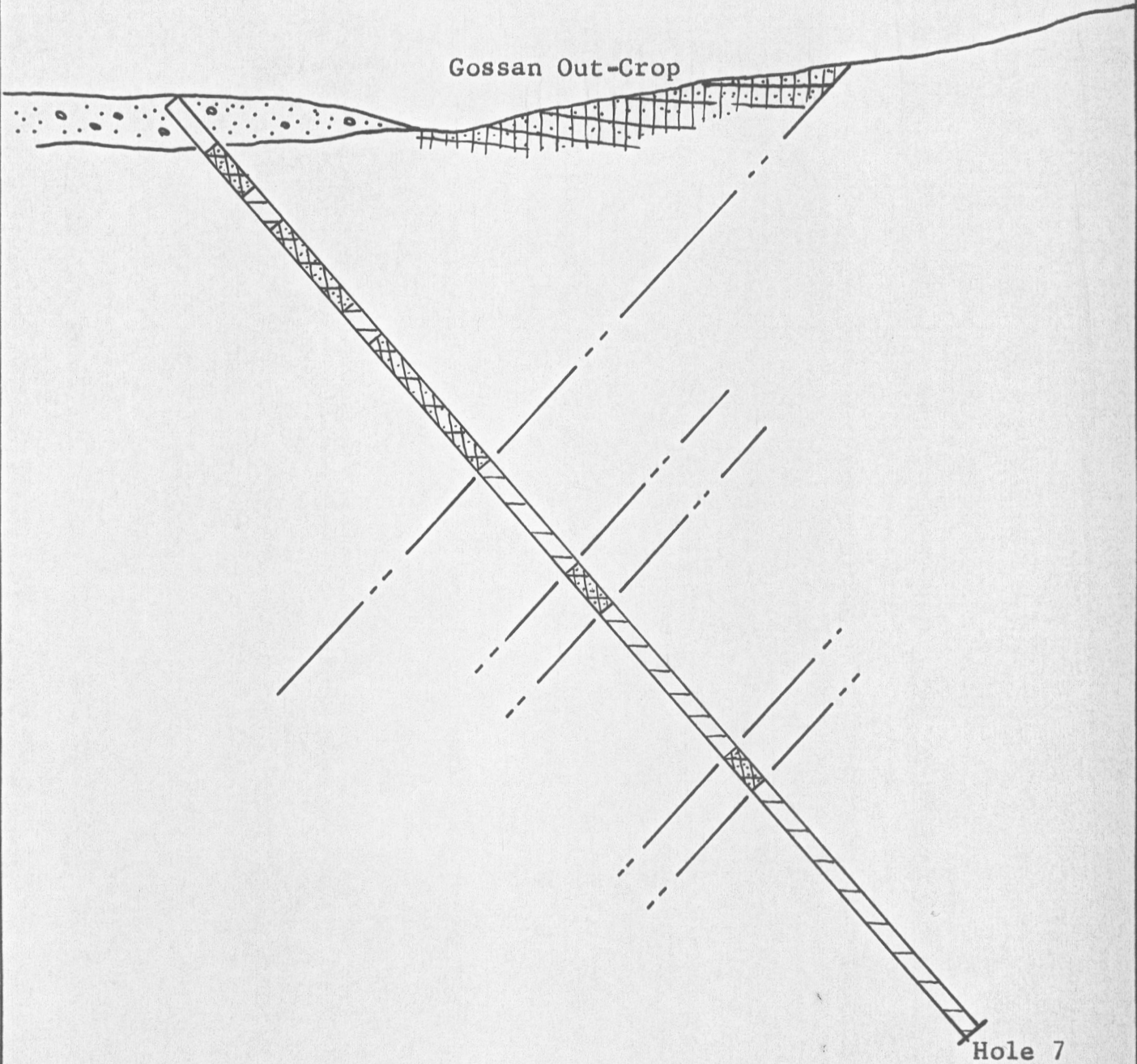
Scale: 1 inch: 20 ft.

CURB

Azimuth 80 °



Gossan Out-Crop



Hole 7

TANYA 12 MINERAL CLAIM

D. D. HOLE 7

Scale: 1 inch : 20 ft.

*CRB*

BRITISH

091183

DATE. AUGUST 13, 1974.FILE NO. 8467-3

# ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE LTD.  
BOX 4518 WHITEHORSE Y. T.  
PHONE 667 2694 Y1A 2R8

SAMPLE RECEIVED FROM

BULLIS ENGINEERING (HOKO EXPLORATIONS LTD.)

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz. Per Ton	LEAD	ZINC	COPPER			
24815	TR	.40	1.13	1.56	.06			
24816	TR	.20	1.05	1.68	.08			
24817	TR	.30	.79	.96	.06			

ASSAYER.

*K. Hayland for H. Spalding*

# CREST LABORATORIES (B.C.) LTD.

1068 HOMER STREET  
VANCOUVER 3, B.C.  
PHONE 688-8586

## CERTIFICATE OF ASSAY

TO Hoko Exploration Ltd.,  
1318 - 56 St.,  
Delta, B.C.

Aug. 16, 1974  
Lab. 5759

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	Copper	Lead	Zinc						
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
24818	Trace		0.8	0.13	0.80	1.64						

NOTE:  
Rejects Retained One Month  
Pulps Retained Three Months  
Unless Otherwise Arranged.

Gold calculated at \$ ..... per ounce

*R. G. Williams*  
Registered Assayer; Province of British Columbia

TANYA DRILL PROGRAM

TANYA 1 to 24 Mineral Claims

Program Dates: 15th July to 12th Aug. 1974

Footage Drilled: 32 feet casing  
962 feet core drilling

Core Storage: At Drill sites.

Contractor: Wink International Exploration Drilling Ltd.  
Delta, B.C.

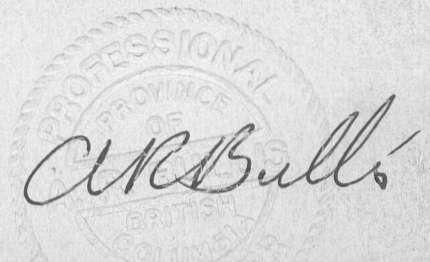
Machine: Winkie, Model 12.

Core Size, 1 inch (approximately).

Technical Supervisor: A. R. Bullis, P.Eng.  
Delta, B.C.Costs:

Drill Contractor	-	\$ 10,690.19
Frontier Helicopters	-	7,255.75
Bullis Engineering Ltd. Fees and equipment rental	-	2,979.00
Mobilization & Supplies		3,206.69
		<hr/>
Grand Total		\$ 24,131.63

Cost per foot drilled:  $\frac{24,131.63}{994} = \$24.28/\text{ft.}$



BULLIS ENGINEERING LTD.  
GEOLOGICAL CONSULTANTS

TELEPHONE: (604) 943-4541

A. R. BULLIS, P. ENG.  
A. S. ASHTON, P. ENG.

1318 - 56TH STREET,  
DELTA, B.C.

Paid by B.E.L. for Hoko account re: Tanya Property

Mobilization:	700.80
Camp Supplies:	1,243.30
Truck Rental:	417.74
Wages, W. Compensation, C.P.P., U.I.S.	496.05
Drill Core Boxes:	199.12
Assays:	77.75
Telephone	71.93
	<hr/>
Sub Total	\$3,206.69

Fees & Charges to Hoko re Tanya Property

Fees:	2,400.00
Camp Equipment rental	500.00
Office overhead, Map reproduction, etc.	79.00
	<hr/>
Sub Total	\$2,979.00

Grand Total \$6,185.69

Note: Hoko has aid "on account" \$6,200.00

Credit Balance (14.31)

CURB

BULLIS ENGINEERING LTD.

GEOLOGICAL CONSULTANTS

TELEPHONE: (604) 943-4541

A. R. BULLIS, P. ENG.

A. S. ASHTON, P. ENG.

1318 -- 56TH STREET,

DELTA, B.C.

- 2 -

Detailed Account :

Tanya Property

Mobilization:

Air Fares	\$ 340.00
Taxis	19.00
Meals	177.80
Motels	149.45
Miscellaneous	14.55

\$ 700.80

\$ 700.80

Camp Supplies

Lumber & Nails	\$ 443.15
Groceries	699.23
Fuel	85.37
Hardware	15.55

\$1,243.30

\$ 1,243.30

Drill Core Boxes (Longyear Acct.)

199.12

Truck Rental (Twilite Services)

417.74

Assays: Whitehorse Assay Office  
plus Crest Labs.

77.75

Wages: Cook, Workmen's Compensation.  
C.P.P., U.I.C.

496.05

Telephone: At and to Watson Lake

71.93

Total Money Expended

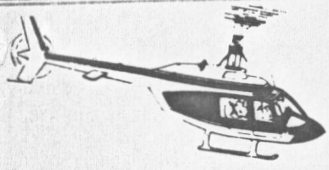
\$ 3,206.69

CURB

DD 95



# FRONTIER HELICOPTERS LTD.



## CHARTER FLYING

PHONE 536-7305  
BOX 10 WATSON LAKE Y.T.

July 19, 1974

Hoko Explorations Ltd

DATE		DEBIT	CREDIT	BALANCE
	<b>TO COVER CHARTER FLYING SERVICES</b>			
July 17/74	Charter Ticket No. 11379	2,077.00		
	<b>Total this invoice</b>			<b>\$2,077.00</b>

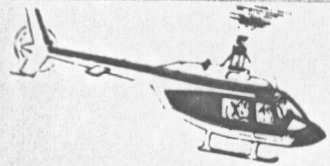
**ACCOUNT DUE WHEN RENDERED**  
OVERDUE ACCOUNT SERVICE CHARGE AT  
RATE OF 2% PER MONTH COMPOUNDED  
MONTHLY WILL BE CHARGED ON ALL AC-  
COUNTS 30 DAYS OR MORE IN ARREARS.

JUL 21 1974

20-95



# FRONTIER HELICOPTERS LTD.



## CHARTER FLYING

PHONE 536-7305  
BOX 10 WATSON LAKE Y.T.

August 19, 1974

Hoko Explorations Ltd  
1400 Royal Centre,  
1055 West Georgai Street,  
Vancouver, B.C.

DATE	TO COVER CHARTER FLYING SERVICES	DEBIT	CREDIT	BALANCE
July 26/74	Charter Ticket No. 11479	1,522. 45		
	<b>Total this invoice</b>			<b>\$1,522. 45</b>

**ACCOUNT DUE WHEN RENDERED**  
OVERDUE ACCOUNT SERVICE CHARGE AT  
RATE OF 2% PER MONTH COMPOUNDED  
MONTHLY WILL BE CHARGED ON ALL AC-  
COUNTS 30 DAYS OR MORE IN ARREARS.



# FRONTIER HELICOPTERS LTD.



## CHARTER FLYING

PHONE 536-7305  
BOX 10 WATSON LAKE Y.T.

Bullis Engineering Ltd

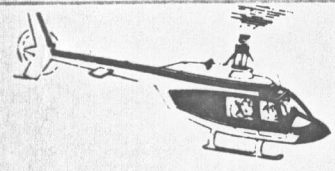
August 19, 1974

DATE	DESCRIPTION	DEBIT	CREDIT	BALANCE
July 28/74	TO COVER CHARTER FLYING SERVICES Charter Ticket No. 08013	673. 85		
	<b>Total this invoice</b>			<b>\$673. 85</b>

**ACCOUNT DUE WHEN RENDERED**  
 OVERDUE ACCOUNT SERVICE CHARGE AT  
 RATE OF 2% PER MONTH COMPOUNDED  
 MONTHLY WILL BE CHARGED ON ALL AC  
 COUNTS 30 DAYS OR MORE IN ARREARS



# FRONTIER HELICOPTERS LTD.



## CHARTER FLYING

PHONE 536-7305  
BOX 10 WATSON LAKE Y.T.

August 7, 1974

Heko Explorations Ltd  
1400 Royal Centre,  
1055 West Georgai Street,  
Vancouver, B.C.

DATE		DEBIT	CREDIT	BALANCE
August 1/74	<p>TO COVER CHARTER FLYING SERVICES</p> <p>Charter Ticket No. 08217 -----</p>	499. 85		
	<p>Total this invoice -----</p>			<p><u>\$499. 85</u></p>

ACCOUNT DUE WHEN RENDERED  
OVERDUE ACCOUNT SERVICE CHARGE AT  
RATE OF 2% PER MONTH COMPOUNDED  
MONTHLY WILL BE CHARGED ON ALL AC-  
COUNTS 30 DAYS OR MORE IN ARREARS.

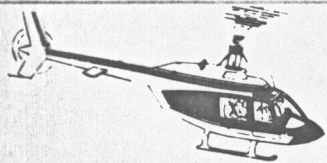


# FRONTIER HELICOPTERS LTD.

CHARTER FLYING

PHONE 536-7305  
BOX 10 WATSON LAKE Y.T.

August 7, 1974



Hoko Explorations Ltd

DATE		DEBIT	CREDIT	BALANCE
August 2/74	<p>TO COVER CHARTER FLYING SERVICES</p> <p>Charter Ticket No. 11395</p>	930.00		
	<p>Total this invoice</p>			<p><u>\$930.00</u></p>

**ACCOUNT DUE WHEN RENDERED**  
 OVERDUE ACCOUNT SERVICE CHARGE AT  
 RATE OF 2% PER MONTH COMPOUNDED  
 MONTHLY WILL BE CHARGED ON ALL AC-  
 COUNTS 30 DAYS OR MORE IN ARREARS.



# FRONTIER HELICOPTERS LTD.



## CHARTER FLYING

PHONE 536-7305  
BOX 10 WATSON LAKE Y.T.

August 14, 1974

Hoko Explorations Ltd  
1400 Royal Centre,  
1055 West Georgia Street,  
Vancouver, B.C.

DATE	TO COVER CHARTER FLYING SERVICES	DEBIT	CREDIT	BALANCE
August 11/74	Charter Ticket No. 06867	1,552. 60		
	Total this invoice			<u>\$1,552. 60</u>

ACCOUNT DUE WHEN RENDERED  
OVERDUE ACCOUNT SERVICE CHARGE AT  
RATE OF 2% PER MONTH COMPOUNDED  
MONTHLY WILL BE CHARGED ON ALL AC-  
COUNTS 30 DAYS OR MORE IN ARREARS.

## TRANS-PACIFIC ENGINEERING &amp; MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 20th July 19 74

Length 131 ft Location Tanya 17 M.C.

Bearing 230 10 - 45 W

Hole No. Hoko #1

Dip -60 00 - 75 N

Start 18th July 1974

Stop 20th July 1974

Sheet #1

Logged By A R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
0		Mainly, dark green, banded skarn.						
to		Banding @ 25 degrees to core.						
12.0'		Some gneissic sections with quartz.						
12.0'		Skarn, as above, with less than						
to		5% sphalerite in narrow bands						
		thruout. Resinous to black						
16.5'		sphalerite.						
16.5'		Quartz (two feet of lost core).						
to								
19.0								
19.0'		Skarn, as above with no sphalerite						
to								
24.0								
24.5		Felsite <u>sill</u> . Med. grained, lite-						
to		colored rock.						
26.5								
26.5		Skarn - Lite-green with some						
to		garnets. Banded with narrow						
		(plus 1") zones of sphalerite at						
28.0		60 to 70 degrees to core.						
28.0		Quartz monzonite. Massive, med-						
to		grained rock with little mica.						
48.0		Slightly greenish cast. Some						
		fractures at 15° to core.						

## TRANS-PACIFIC ENGINEERING &amp; MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 20th July 19 74

Length ..... Location .....

Bearing ..... Hole No. Hoko #1

Dip ..... Start .....

Stop .....

Sheet #2

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
48.0 to 50.0		Garnet Geniss. Lite-colored with garnet clusters.						
50.0 to 68.0		Grey Gneiss, mainly with some sections of quartz monzonite. Some pyrite & pyrrhotite along banding.						
68.0 to 81.5		Quartz monzonite, gneissic @ 45° to core. 5-10% mica in bands. Minor (-5%) pyrite and pyrrhotite disseminated thruout. Very little joining, but some fractures.						
81.5 to 91.5		Grey Gneiss. 30-35% biotite and quartz folded. Fine garnets developed along biotite layers. Pyrite & pyrrhotite dissem. thruout. Well banded gneissosity @ 40°. Several bands of quartz in disturbed, folded zones.						
91.5 to 94.5		Garnet Gneiss - Lite-colored med-grained rock; gneissic. "Felsite"? with red-brown garnet developed in "bunches". Pyrite and/or magnetite disseminated in rock.						

A.R.B.

# TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 20th July 1974

Length ..... Location .....

Bearing ..... Hole No. Hoko #1

Dip ..... Start .....

Stop .....

Sheet #3

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
94.5		Gneiss - Sericite & Biotite (10-65%)						
to		finely banded rock with quartz & feldspar. Banding & schistosity @ 40-45° to core. 5% pyrite & pyrrhotite disseminated thruout.						
97.5								
97.5		Felsite Sill - Lite, med-grained rock						
to		consists of feldspar plus quartz.						
100.5								
100.5		Quartz monzonite with minor granite						
to		at 101 . Slightly porphyritic.						
112.0								
112.0		Granite - 20 to 25% biotite; mainly.						
to		pale blue-grey feldspar. Massive,						
117.0		med- grained. No fractures.						
117.0		Quartz monzonite - Rock consists of						
to		pale blue-grey feldspar, 10 to 15% black biotite and very little quartz. Uniform, granitic texture. Rock is massive, with several joints or fractures almost parallel to core.						
131.0		Medium grained.						
		End of Hole - 131'						
		Core Recovery - 95%						

*ARB*

# TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 22nd July 19 74

Length 142 ft. Location Tanya 18 M.C.

Bearing 230° 10 - 80 W

Hole No. Hoko #2

Dip -00° 00 - 05 N

Start 20th July, 1974

Stop 22nd July, 1974

Sheet #1

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
0		Skarn, dark green, banded normal to						
to		core. Very minor amount of sphalerite						
		in narrow band at 1.0'. Some sphal-						
		erite on fracture faces. Less than						
2.5		1% Sphalerite.						
2.5		Granite - Lite colored, med. grained.						
to		Mainly feldspar with only minor mica						
		and quartz. Some disseminated						
		pyrite throuout, causing discolor-						
37.0		ation along fractures at 60° to core.						
37.0		Granite, as above, but with 10 to						
to		20% biotite. Slightly gneissic.						
42.5								
42.5		Quartz monzonite, massive, med.						
to		grained rock. Mainly feldspar with						
63.5		only minor biotite. No pyrite noted.						
63.5		Granite, as between 37 and 42.5.						
to								
65.5								

*ARB*



**TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.**

**DIAMOND DRILL-HOLE LOG**

DATE 29 July 1974

Length 138 ft. Location Tanya 14 M.C.

Bearing 105° 42 - 00 W

Hole No. Hoko #3

Dip - 48° 02 - 40 S

Start 26th July 1974

Stop 28th July 1974

Page 1

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays					Core Samples	
				Au	Ag	Pb	Zn	Cu	Length	No.
		Core recovery is approximately 94 - 95%								
0.		Thin-banded, or bedded, slightly argillaceous lms. Banding almost parallel to core. Minor amount of pyrite dissem. thruout.								
32.0		Narrow, sand seam.								
32.0		Argillaceous limestone mainly. Banded, or foliated, at core angle to 15 to 30 degrees. Very little pyrite noted in this section.								
50.5		Vein Zone. Breccia at lms. mainly, with sulfides dissem. thruout. H.W. zone consists of 8" of massive pyrrhotite with chalco, sphal., galena. H.W. at C.A. 70". Balance contacts pyrite, pyrrhotite with minor sphalerite and chalco.	Tr.	0.4	1.13	1.56	0.06	5.5	24815	
56.0										

*ARB*

**TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.**

**DIAMOND DRILL-HOLE LOG**

DATE 29th July 19 74

Length ..... Location .....

Bearing ..... Hole No. Hoko #3

Dip ..... Start .....

Stop .....

Page 2

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
56.0		Limey, argillaceous sediments.						
to		Mainly thin-banded limestone. Core angle at 25 degrees. Very little pyrite noted except along some bedding planes						
69.0								
69.0		Sand - No sulfide noted. Slightly rusty.						
to								
69.5								
69.5		Argillaceous, limey sediments.						
to		Quite massive, layering at C.A. 20 degrees. Small amount of pyrite noted.						
82.0								
82.0		Sand, slightly rusty.						
to		No sulfides seen						
82.5								
82.5		Limey sediments. Mainly thin-bedded limestone with minor argillaceous sections. Pyrite-pyrrhotite disseminated thruout. Banding nearly parallel to core.						
to								
103.0								
103.0		Vein, or small shear, healed with qtz. H.W. is at 45 degrees to Core. F.W. has 1/2 in. band of sphalerite & pyrite. F.W. at C.A. 65°						
to								
103.5								

*A.R.B.*

**TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.**

**DIAMOND DRILL-HOLE LOG**

DATE 29th July 19 74

Length 138' Location

Bearing

Hole No. Hoko #3

Dip -48°

Start

Stop 28th July, 1974

Page 3

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays					Core Samples	
									Length	No.
103.5 to 114.5		Limey, argillaceous, thin-banded seds. Some pyrite. Banding parallel to Core.								
114.5 to 118.0		Thin-bedded argillite, mainly. Banding nearly parallel to core. Some qtz. stringers and minor pyrite.								
118.0 to 121.5		Brecciated argillite, with some white qtz. Small amount of pyrite, pyrrhotite, sphalerite and galena thruout, as disseminations and narrow bands. Less than 10% sulfide.		Au Tr.	Ag .20	Pb 1.05	Zn 1.68	Cu .08	3.5	24816
121.5 to 125.5		Thin-bedded argillite. Banding at 30° - 35° to core. About 5% Pyrite, mainly along bedding planes.								
125.5 to 136.5		Limey Argillaceous Sediments. Banding nearly parallel to core. Some fractures healed by calcite. Pyrite disseminated thruout. Less than 5%.								
136.5 to 138.0		Limey-Argillaceous Sediment. Crushed and brecciated. Healed by calcite, mainly. Pyrite dissem. thruout. About 5%. End of Hole: #138. ft.								

*ARAB*

# TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 31st July 19 74

Length 127 ft.

Location Tanya 14 M.C.

Bearing 105°

42 - 60 W

Hole No. Hoko #4

Dip -50°

02 - 20 S

Start 28th July, 1974

Stop 30th July, 1974

Page 1

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
0								
to								
12.0		Overburden						
12.0		Thin-bedded, or banded, lms,						
to		slightly argillaceous. Banding						
		mainly parallel to core. Sericite						
		and muscovite developed with only						
		minor amounts of pyrite on fractures.						
44.0		Increasing argillaceous.						
44.0		Argillaceous limestone. Thin-						
to		banded, with core angle parallel to						
		30 degrees. Fine pyrite disseminated.						
63.0		Quite massive.						
63.3		Felsite dyke. Caramel-colored,						
to		fine-grained silica, mainly, with						
		pyrite as discrete cubes. Contacts						
64.5		at C.A. 55-60 degrees.						
64.5		Argillaceous limestone, as above.						
to		Increasing bands of biotite with						
		narrow qtz. stringers in dilation						
		zones. Core angle increasing from						
101.5		low to 30 degrees.						

CARB

**TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.**

**DIAMOND DRILL-HOLE LOG**

DATE 31st July 1974

Length ..... Location .....

Bearing ..... Hole No. ....

Dip ..... Start .....

Stop .....

Page 2

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays					Core Samples	
									Length	No.
101.5 to 102.0		Narrow shear zone at C.A. 40 degrees Very small amount of pyrite and sphalerite.								
102.0 to 114.0		Argillaceous lms., mainly as above with biotite bands along foliation planes. Minor shearing at 35 degrees Small amount dissem. pyrite thruout.								
				Au	Ag	Pb	Zn	Cu		
114.0 to 122.5		Vein intersection. White quartz and epidote?, with a small amount of pyrite, sphalerite, pyrrhotite, galnea and chalco., disseminated and along fractures. 2" med. seam at 116.5' with good sulfides on either side. Sulfides also concentrated on H.W. and F.W. Shearing and contacts at 45 to 50 degrees.	Tr.	.30	0.79	0.96	.06	8.5'	24817	
122.5 to 127.0		Argillaceous limestone, with greenish cast (epidote?). Thin banded at C.A. 15 degrees. Some brecciation at end of hole.								
		End of Hole - 127.0'								

*ARB*

## TRANS-PACIFIC ENGINEERING &amp; MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 3rd August 1974

Length 131 ft Location Tanya 13 M.C.

Bearing 190° 44 - 60 W

Hole No. Hoko #5

Dip -45 03 - 80 N

Start 1st Aug

Stop 2 Aug.

Page 1

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays				Core Samples	
								Length	No.
0		No Core - Casing in Bed-Rock.							
to		Some buttons of schist.							
12.0									
12.0		Biotite - Schist. Some sericite and garnet developed. Argillaceous in part. Gneissic with many narrow dilation zones filled by white qtz. Core angle uniform at 55 to 60 degrees. Pyrite thruout as discrete x'als in qtz and platy sheets along schistosity planes.							
36.0									
36.0		Felsite Sill. Conformable to schistosity. Fine-grained uniform rock. Grey in colour.							
to									
38.0									
38.0		Biotite Schist, as above. A few large garnets developed along schistosity planes. More biotite towards bottom of section. Dilation qtz. with pyrite as above.							
to									
71.5									
71.5		White-to-greenish qtz. with some micaceous sections.							
to									
73.5									

ARB

**TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.**

**DIAMOND DRILL-HOLE LOG**

DATE 3rd August 19 74

Length ..... Location .....

Bearing .....

Hole No. Hoko #5

Dip .....

Start .....

Stop .....

Page 2

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays				Core Samples	
								Length	No.
73.5 to 85.0		Biotite Schist, as above. Core angle increasing to 70 degrees.							
85.0 to 86.5		White qtz., with some biotite and pyrite.							
86.5 to		Biotite schist. Core angle has increased to 80 - 85 degrees and rock is more massive. Gneissic. Some narrow felsite sills up to 4". Argillaceous. Small amount sphalerite at 104'.							
106.5 to		Vein Zone. Mainly qtz. with argillaceous schist sections. Lite-brown sphalerite disseminated thruout as narrow stringers or bunches, with some galena and chalcopyrite. Pyrite thruout, but no pyrrhotite. H.W. at C.A. 35°.							
111.0		F.W. steeper.							
111.0 to 113.0		Disturbed F.W. zone. Argillaceous to graphitic schist. Crushed and sheared. Minor pyrite thruout.							

Sample #

Au Ag Pb Zn Cu % Length  
 Tr 0.8 0.80 1.64 0.13 4.5 ft

*ARB*



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE 7 August 1974

Length 135 ft. Location Tanya 13 M.C.

Bearing 190° 44 - 60 W Hole No. Hoko #6

Dip -80° 03 - 80 N Start 2 Aug. 1974

Stop 5 Aug 1974

Page 1

Logged By R.B.

Depth	Core	Formation	Core Recovery	Assays				Core Samples	
								Length	No.
0		Schist. Biotite-chloritic, minor							
to		graphic. No pyrite. Core Angle 40°							
		Thin-banded gneissic schist. Much							
		biotite along narrow bands. Some							
		sections, narrow, devoid of mica and							
		quite massive. Much white qtz. in							
		dilations or crenulations as very							
55.0		narrow bands (up to 2").							
55.0		White qtz. - <u>barren</u> .							
to									
56.0									
56.0		Schist as above.							
to		Core angle increasing to 50 degrees.							
81.5									
81.5		Zone of white qtz. and schist.							
to		Some garnets in schist. Pyrite and							
86.5		chlorite in the qtz.							
86.5		Schist, as above.							
to									
91.0									
91.0		Zone of white qtz. and mica schist.							
to		Chloritic to talcy. Very little							
100.0		sulfide in quartz							

CRB



**TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.**

**DIAMOND DRILL-HOLE LOG**

DATE 8th August 1974

Length 158' Location Tanya 12 M.C.

Bearing 80° 50 - 90 W

Hole No. Hoko #7

Dip -50° 00 - 20 S

Start 5th Aug. 1974

Stop 8th Aug. 1974

Page 1

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays			Core Samples	
							Length	No.
0		Casing in Overburden. No Core.						
to								
10.0								
10.0		Breccia of Grey Lms. and white qtz. with pyrrhotite pyrite and minor chalcopyrite along fracture planes and replacing breccia. Chloritic to talcy "partings" in breccia. About 5-10% sulfide decreasing to						
15.5		bottom						
15.5		Limestone, grey, thin-banded at						
to		C.A. 20 to 25 degrees. Very						
21.0		little sulfide.						
21.0		Lms. Breccia with some white qtz. calcite "partings". Pyrrhotite						
to		and pyrite in fractures and replacing breccia in part. Less						
35.0		than 5% sulfide.						
35.0		Limestone, as from 15.5 to 21.0.						
to								
40.5								

*ARB*

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DD-95

# TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

## DIAMOND DRILL-HOLE LOG

DATE 8th Aug. 1974

Length ..... Location .....

Bearing .....

Hole No. #7

Dip .....

Start .....

Stop .....

Page 2

Logged By A.R.B.

Depth	Core	Formation	Core Recovery	Assays				Core Samples	
								Length	No.
40.5 to		Sheared - to brecciated, dark gray limestone. Much chlorite (talcy) developed with some white qtz. and calcite. Less than 5% pyrite and pyrrhotite disseminated and along fractures. Very minor chalcopyrite.							
62.0									
62.0 to		Grey limestone, thin-banded, some fracturing at varying core angles. Biotite in narrow bands, with small amount of pyrite in fractures.							
79.5		Core angle 25 degrees to 35 degrees.							
79.5 to		Brecciated Limestone, grey with numerous calcite and narrow qtz. "stringers". Pyrite and pyrrhotite disseminated thruout. Narrow sand							
86.5		"seam" at 84½ ft.							
86.5 to		Limestone, Micaccous to chloritic. Biotite bands at Core Angle 30° decreasing to 5°. Some narrow white qtz. "seams" as dilation fillings. Only minor pyrite.							
111.0									

ARB



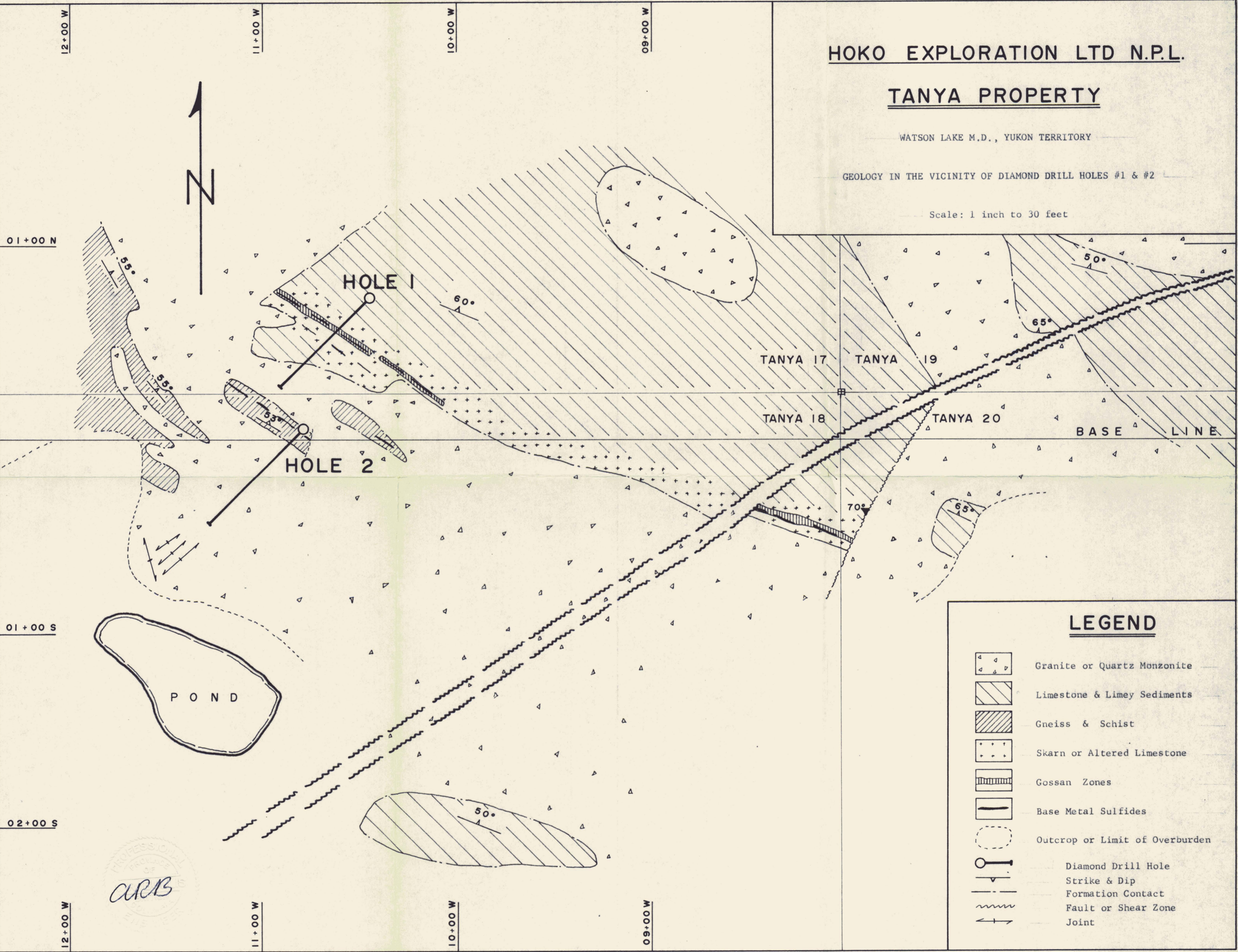
# HOKO EXPLORATION LTD N.P.L.

## TANYA PROPERTY

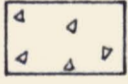


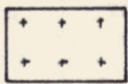
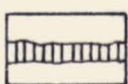
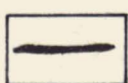
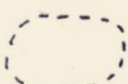
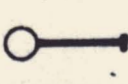
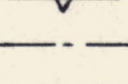
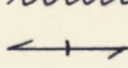
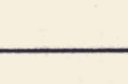

WATSON LAKE M.D., YUKON TERRITORY

GEOLOGY IN THE VICINITY OF DIAMOND DRILL HOLES #1 & #2

Scale: 1 inch to 30 feet

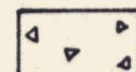
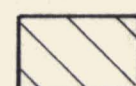

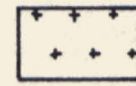
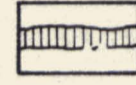
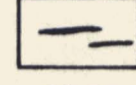

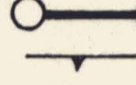
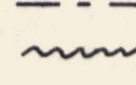





### LEGEND

-  Granite or Quartz Monzonite
-  Limestone & Limey Sediments
-  Gneiss & Schist
-  Skarn or Altered Limestone
-  Gossan Zones
-  Base Metal Sulfides
-  Outcrop or Limit of Overburden
-  Diamond Drill Hole
-  Strike & Dip
-  Formation Contact
-  Fault or Shear Zone
-  Joint



# LEGEND

-  Granite or Quartz Monzonite
-  Limestone & Limey Sediments
-  Gneiss & Schist
-  Skarn or Altered Limestone
-  Gossan Zone
-  Base Metal Sulfides
-  Outcrop or Limit of Overburden
-  Diamond Drill Hole
-  Strike & Dip
-  Formation Contact
-  Fault or Shear Zone
-  Stream

## HOKO EXPLORATION LTD N.P.L.

### TANYA PROPERTY

WATSON LAKE M.D., YUKON TERRITORY

GEOLOGY IN THE VICINITY OF DIAMOND DRILL HOLES #3 TO #7

Scale: 1 inch to 100 feet.

