

82-11486-# 8260

DIAMOND DRILL PROGRAM ON THE  
"SL" MINERAL CLAIMS, SHIKO LAKE AREA  
BRITISH COLUMBIA  
CARIBOO M.D.

NTS 93A6  
52°28'N, 121°28'W

by

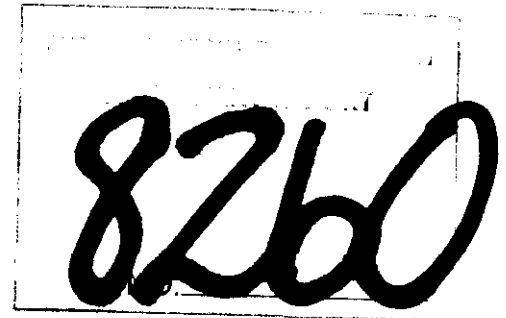
P.E. Fox PhD, P.Eng  
Fox Geological Consultants Ltd.  
410-675 W Hastings Street  
Vancouver, B.C.

for

Terramar Resource Corporation  
(Owner and Operator)

CLAIMS

SL 1-5, 7, 13-20, 25-28,  
30, 32, 39, 41, 43-48



August 12, 1980

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## INTRODUCTION:

The purpose of this report is to present results of diamond drilling work done on the SL claims at Shiko Lake between April 17 and April 29, 1980. The program was designed to evaluate a copper-gold prospect originally staked in 1973 and partly explored by a percussion drill program in 1974.

## LOCATION AND ACCESS:

The property is situated at Mitchell Bay on the south side of Quesnel Lake 20 kms north of Horsefly, B.C. (figure 1). The Horsefly-Likely access road and short logging spurs at Mitchell Bay provide year-round access to the prospect.

The SL claims are situated on a broad plateau region between Quesnel Lake to the north and Antoine Lake to the south. Most of the terrain slopes gently northwards to Quesnel Lake and is dotted with small lakes and swamps. Much of the commercial timber was removed by recent logging operations, which have left a thick tangle of slash and deadfall. Rocky ridges and bluffs are common in the central part of the claim block but thick glacial deposits predominate elsewhere.

## CLAIMS:

There are currently 28 claims in goodstanding, part of a large block of 96 claims staked in 1973. A list of claims, record numbers and expiry dates is given below. Work described in this report will advance the expiry dates to 1984 and 1987.

121° 45'

52° 30'

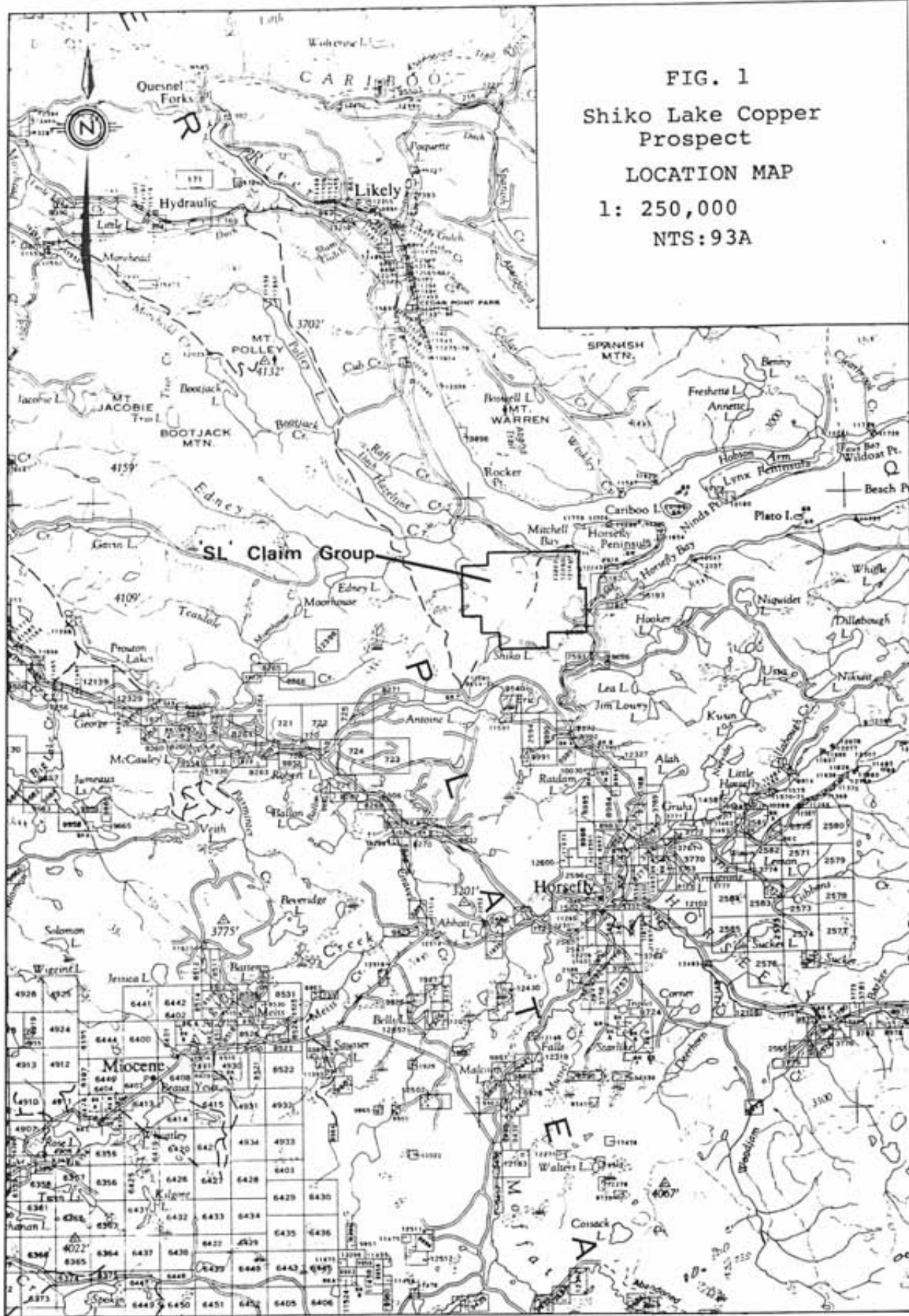


FIG. 1  
 Shiko Lake Copper  
 Prospect  
 LOCATION MAP  
 1: 250,000  
 NTS:93A

SHIKO LAKE PROSPECT

CLAIMS

<u>Name</u>	<u>Record No.</u>	<u>Expiry Date</u>
SL 1	67394	August 15, 1981
2	67395	August 15, 1980
3	67396	August 15, 1981
4	67397	August 15, 1980
5	67398	August 15, 1981
7	67400	August 15, 1980
13	67428	August 15, 1982
14	67429	August 15, 1982
15	67430	August 15, 1982
16	67431	August 15, 1982
17	67432	August 15, 1982
18	67433	August 15, 1982
19	67434	August 15, 1980
20	67435	August 15, 1980
25	67410	August 15, 1980
26	67411	August 15, 1980
27	67412	August 15, 1980
28	67413	August 15, 1980
30	67415	August 15, 1980
32	67417	August 15, 1980
39	67438	August 15, 1982
41	67440	August 15, 1982
43	67421	August 15, 1980
44	67423	August 15, 1980
45	67424	August 15, 1980
46	67425	August 15, 1980
47	67426	August 15, 1980
48	67427	August 15, 1980

## GEOLOGY:

The Shiko Lake prospect is situated in the eastern part of the Quesnel trough structural province. Rocks in the district comprise a thick succession of submarine volcanics and several thousand metres of overlying subaerial volcanics and sediments. Synvolcanic stocks of diorite, syenodiorite, and syenite occur within the submarine sequence and represent eroded volcanic centres from which much of the volcanic material probably erupted. One of these intrusive bodies, which consists of an irregular plug of diorite-syenodiorite-syenite about 3 kms long, is exposed on the SL claim block. The stock is bounded to the south by a fault of regional extent and to the north and east by thick beds of volcanic breccia and finely laminated tuffs. The west boundary of the stock is concealed by thick glacial materials. Highly altered, pyritic rocks occur along the east and north contact of the intrusion. Numerous showings of chalcopyrite and locally bornite (locally gold-bearing) occur in the syenodiorite stock and in a broad pyritic zone near the east and north contact.

Showings in the syenite core of the stock were tested by this drill program. They consist of fracture coatings and disseminated grains and aggregates of bornite and chalcopyrite. Most of the sulphides occur as films on fractures and joints, some up to 1 cm thick. Fractures are spaced from 2 cms to 20 cms apart and form an east-trending mineralized fracture system about 10 metres wide and 80 metres long. Each fracture has a mineralized envelope of disseminated sulphides up to 2 cms wide. Elsewhere, disseminated chalcopyrite and bornite occur in unaltered syenite where they appear to form accessory minerals filling interstices between tabular grains of feldspar. Prior sampling work returned gold assays ranging from 0.006 to 0.107 oz. per ton gold and associated copper. Three short diamond drill holes were employed to test this prospect.

## DRILL PROGRAM:

Three diamond drill holes were collared in and near the mineralized fracture system. Drill hole #1 was collared on the main showings and was drilled vertically to a depth of 76.2 metres. Drill hole #2 (123 m) was collared 50 metres south of hole #1 and drilled north at -45°. Drill hole #3 (122 m) was collared 70 metres west of hole #2 and drilled north at -45°. Drilling was done by H. Allen Drilling Company using a Longyear 38 drill. BQWL core was recovered, logged, split, and sampled in four-metre lengths. Core samples were assayed by Acme Analytical Laboratories Ltd. 852 E Hastings St, Vancouver, B.C. Collar positions are shown in figure 2, drill logs are given in Appendix 1, and assay certificates are given in Appendix 2. Drill core is stored at the Birch Bay Resort, Horsefly Lake, B.C.

RESULTS:

Small amounts of gold were returned from core samples taken over the first 30 metres of drill hole #1 but trace amounts only were reported in holes 2 and 3. The sulphide-bearing fracture system exposed at the collar of hole #1 continues downward for approximately 30 metres but was not cored in drill holes 2 and 3, hence is apparently of limited extent.

DISBURSEMENTS:

Disbursements for the drill program are given below.  
Drill core was logged and sampled by D. Cook BSc, P.Eng and R. Gregory BSc.

Type of Work : Diamond Drilling, 321 metres  
H. Allen Diamond Drilling Ltd.  
Merritt, B.C.

Period Covered : April 17 to April 28, 1980

(1) Diamond drilling, 321 metres - H. Allen Inv.#567	\$21,495.00
(2) Labour - D. Hamilton, 4 days @ \$75.00	300.00
(3) Supervision -	
I.M. Watson & Associates, 10 days	2,234.60
R. Gregory BSc, 2 days @ \$150.00	300.00
(4) Assays - Acme Analytical Laboratories Ltd.	408.00
(5) Sampling supplies	186.35
(6) Accommodation and board - 13 mandays @ \$20.00	260.00
(7) Vehicle rental - 7 days @ \$25.00	170.00
<u>TOTAL DISBURSEMENTS</u>	<u>\$25,353.95</u>

Prepared by  
FOX GEOLOGICAL CONSULTANTS LTD.



P.E. Fox PhD., P.Eng.

August 12, 1980

APPENDIX 1

CORE LOGS



# DRILL HOLE RECORD

Cutter	Inclination	Bearing	PROPERTY	Length 76.20 m	HOLE No. 1
			Location	Hor Comp / Vert Comp	Sheet 1 of 10
			Elevation	Bearing Vertical	Logged by D. L. Cook
			Coordinates	N Begun 19-4-80 / Completed 21-4-80 E Core size BQ / Recovery 100 %	Sampled by

FOOTAGE From To	RECOVERY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			ASSAYS (PPM)			
								No	From To	m Fe	% Cu	% Au	% Ag	
0	1.62	Overburden												
1.62	2.00	38	38					1.62	4	2.38	2	0.11		
		Pink syenite with accessory magnetite. Propylitic alteration. Zeolite veins at 30° and 40° to core.		2	/ /									
2	4	2	2											
		Pink propylitic syenite with accessory magnetite. Zeolite veins with minor chlorite mainly at 20° to 30° and 40° to 45° to core. Cp in 2 chlorite veins at 3.0 m + 3.55 m (with hematite) and 1 patch at 2.7 m. Malachite staining on 1 fracture at 3.93 m. Bo also associated with Cp.		20	/ /	/ /								
4	6	2	2											
		Pink propylitic syenite with accessory magnetite. Zeolite veins 0° to 58° to core but mainly at 35° and 45°.		15	/ /									
6	8	2	2											
		Pink propylitic syenite with accessory magnetite. Zeolite veins and 1 chlorite vein (1cm) at 20° to 55° to core but mainly at 35°. Cp in chlorite vein at 6.1 m and 6.5 m.		20	/ /	/								

K = K feldspar      I = absent  
 E = Epidote          S = Intense  
 C = Chlorite







# DRILL HOLE RECORD

Inclination		Bearing		PROPERTY		Length		HOLE No. 1	
50107				Location		Hor. Comp. /Vert. Comp.		Sheet 5 of 10	
				Elevation		Bearing		Logged by	
				Coordinates		N E		/Completed /Recovery %	
						Core size		Sampled by	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES		m ft	% Cu	% Au	ASSAYS Ag
								No	From To				
36 36	2 2	Pink propylitic syenite with accessory magnetite. Zeolite veins at 20° to 45° to core but mainly at 30° and 45° Rusty coloured veins <sup>and patches</sup> with Cp at 40° to core. Cp at 35.14 and 35.2m		10	//	/							
36 38	2 2	Pink propylitic syenite with accessory magnetite. Zeolite veins at 20° to 55° to core but mainly at 25°. Rusty coloured veins at 30° to 60° to core and patches with Cp. Cp at 36.67m, 37.42m, 37.52m and 37.96m.		7	//	/		36	40	4	.012	.004	
38 40	2 2	Pink propylitic syenite with accessory magnetite. Mafic xenolith at 39.7m. Zeolite veins at 30°, 45°, 60° and 65° to core. Rusty veins at 15°, 20° + 30° to core. Cp at 38.02m in rusty vein		4	//	/							
40 42	2 2	Pink propylitic syenite with accessory magnetite. Mafic xenolith at 41.6m. Zeolite veins at 25° to 30° to		10	//	/		40	44	4	.01	.007	









# DRILL HOLE RECORD

Casing	Inclination	Bearing	PROPERTY	Length	HOLE No.
			Location	Hor. Comp. / Vert. Comp.	Sheet 9 of 10
			Elevation	Bearing	Logged by
			Coordinates	Begun / Completed	Sampled by
			N E	Core size / Recovery %	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K   E   c	MINERALIZATION Cp   Py   Bo	GRAPHIC	SAMPLES			ASSAYS		
								No	From To	m #	Cu	Au	Ag
66 68	2 2	Pink propylitic syenite with accessory magnetite. Zeolite veins at 20° to 65° to core but mainly at 65°. Rusty veins at 20°, 45° and 85°		6	/ /								
68 70	2 2	Pink propylitic syenite with accessory magnetite. Zeolite veins at 25° to 70° but mainly at 70°. Rusty veins (1 with, some augite and quartz) at 30° to 90° to core but mainly at 70°. Other less defined rusty areas prob- ably related to fracturing. From this intersection to the end of the hole, rusty veins or fractures outnumber zeolite veins. The reverse occurs above 6.8m. Cp at 6.9-26m		10	/ /	/							
70 72	2 2	Pink propylitic syenite with accessory magnetite: Zeolite and Chlorite veins at 30° to 50° to core but main- ly at 30°. Rusty veins at 0° to 80° but mainly at 60° and 80° to core. Other rusty areas less defined but probably related to early now healed fracturing. Cp at 70.02 and 71.10m		12	/ /								

# DRILL HOLE RECORD

Collar	Inclination	Bearing	PROPERTY	Length	HOLE No. 1
			Location	Hor. Comp. /Vert. Comp.	Sheet 10 of 10
			Elevation	Bearing	Logged by
			Coordinates	Begun /Completed Core size /Recovery %	Sampled by

FOOTAGE		RECOVY		DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION			MINERALIZATION			GRAPHIC	SAMPLES			ASSAYS			
From	To	Run	Core				K	E	C	Cp	Py	Bo		No	From	To	m	% Cu	% Au	% Ag
72	74	2	2	Pink propylitic syenite with accessory magnetite 1 Zeolite vein at 30° and 1 chlorite vein at 40° to core. Rusty veins at 10° to 90° to core but mainly at 60° and 90° Other rusty areas less defined probably related to early, new healed fracturing Cp at 72.5m		6		/	/	/					72	74	4	0.04	0.001	
74	76	2	2	Pink propylitic syenite with accessory magnetite 1 Zeolite vein at 30° to core Rusty veins at 30° to 90° to core, but mainly at 60° and 90° Other less defined rusty areas probably related to old fracturing		8		/	/											
76	76.2	2	2	Pink propylitic syenite with accessory magnetite Poorly defined rusty areas probably related to old fracturing				/	/											

22

# DRILL HOLE RECORD

PROPERTY	Shiner Lake	Length	125 m	HOLE No. 2
Location		Hor. Comp.	/Vert. Comp.	Sheet 1 of 10
Elevation		Bearing	337°	Logged by D. L. Cook &
Coordinates	N	Begun	21-4-80 / Completed 23-4-80	Sampled by D. Hamilton
	E	Core size	B.G. / Recovery %	

FOOTAGE From To	RECOVERY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			ASSAYS			
								No	From To	Fe	% Cu	% Au	% Ag	
0	5.90	Overburden						5.9	8	2.1	.03	.001		
5.90	6	Pink medium to coarse grained porphyritic (biotite alteration) syenite with accessory magnetite up to 5%												
6	8	2 2 Lithology as above Zeolite veins at 10" to 20" to core but mainly at 15" Chlorite in shear at 60" to core at 7.2m. Core with sheared pyrite. Mafic xenolith at 6.3m.		6	1 1	1			6	10	4			
8	10	2 2 Pink medium grained to coarse grained syenite - biotite alteration with accessory magnetite 3-5% Zeolite veins from 0" - 80" concentrated between 50 - 80" - some chlorite assoc. with zoning		9	1 15	1			8	12	4	.015	.001	
10	12	2 2 Pink medium - to coarse grained syenite - biotite alteration, accessory magnetite 3% zeolite/chlorite veins from 0" - 80" concentrated at 0", 60" and eighty"		9	1 1	1			10	14				



# DRILL HOLE RECORD

Caller	Inclination	Bearing	PROPERTY Shiko Lake	Length	HOLE No. 2
			Location	Hor. Comp. /Vert. Comp.	Sheet 3 of 10
			Elevation	Bearing	Logged by D.L. Cook
			Coordinates	N Begun /Completed	Sampled by D. Hamilton
				E Core size /Recovery %	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			% <sup>3</sup> m ASSAYS				
								No	From To	Ft	Cu	Au	Ag		
18	20	2	2	Lithology as above. Zeolite veins (7 with minor chlorite) at 15° to 75° to core, but mainly at 20°, 35°, 45° and 60°	23	//									
20	22	2	1.75	Lithology as above. Zeolite veins and minor chlorite at 20° to 70° to core but mainly at 25° and 40°. Chlorite in 1 zone probably indicating shearing. Cp at 20.44 and 21.70 to 21.8m	12	//	/								
22	24	2	2	Lithology as above. Zeolite veins at 10° to 75° to core but mainly between 10° to 60°. Chlorite-filled shears at 0° and 80° to core at 22.12m and 22.24m. Acid intrusive vein (1cm) at 55° to core at 22.84m. Cp at 23.4m	10	//	/								

22-26-4  
20 24 4 .013 .002

22-26-4

# DRILL HOLE RECORD

Cutter	Inclination	Bearing	PROPERTY Shika Lake	Length	HOLE No. 2	
			Location	Hor. Comp. /Vert. Comp.	Sheet 4 of 10	
			Elevation	Bearing	Logged by Rick Gregory	
			Coordinates	N E	Begun /Completed /Recovery %	Sampled by Doug Hamilton

FOOTAGE From To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y	Veins / Metre	ALTERATION			MINERALIZATION			GRAPHIC	SAMPLES			% ASSAYS				
					K	E	C	Cp	Py	Bo		No	From	To	Fr	Cu	Au	Ag	
24	26	2	2	Medium to coarse grained syenite pink homogeneous calcite veins vary from 0-30° concentrated between 40 and 50° minor chlorite veins accessory magnetite up to 5% minor cp at 24.35	13		1	1											
26	28	2	2	Medium grained pink syenite homogeneous cut by chlorite-calcite veins, range 0-70° concentrated at 40° to core accessory magnetite 3-5%	13		2	2											
28	30	2	2	Medium grained pink syenite homogeneous calcite chlorite veins cut from 0-70° concentrated between 30-50° accessory magnetite from 3-5% slickensides occur with chlorite veining concentrated at 40° minor cp at 28.7 and 28.85	14		1	2		1			28	32	4	0.13	0.01		
30	32	2	2	Medium to coarse grained syenite cut by calcite and minor chlorite veins chert show evidence of faulting (slickenside) 31.2-31.4m heavily intruded by calcite veins range from 20-80° minor cp at 30.15	19		2	3		1				30	34	4			
32	34	2	2	Medium grained homogeneous syenite cut by chlorite and minor chlorite veins ranging from 10-70° concentrated at 40 and 70° to core 3-5% accessory magnetite slickensides in chlorite veins	20		2	2											
34	36	2	2	Massive medium grained syenite cut by calcite veins minor chlorite ranging 10-80° concentrated between 10-140° and at 70° magnetite 3-5% minor cp at 34.55m, 2cm lith at 35m	15		2	1		1				34	36	4			



# DRILL HOLE RECORD

Inclination		Bearing	PROPERTY <i>Shiko Lake</i>	Length	HOLE No. <i>2</i>	
Collar			Location	Hor. Comp.	/Vert Comp.	
			Elevation	Bearing		
			Coordinates	Begun	/Completed	
				Core size	/Recovery %	

FOOTAGE From To	RECOVERY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			% <sup>23</sup> U ASSAYS				
								No	From To	Ft	Cu	Au	Ag		
50	52	2	2	medium to coarse grained homogeneous pink to white-pink syenite, section from 50.40 m - 50.90 m lighter colored heavily veined. 3-5% accessory magnetite biotite alteration to chlorite and epidote, chlorite-calcite veins concentrated between 30° and 40° to length of core, cp at 50.25m and at 50.35 m	16	2 3	2								
52	54	2	2	medium to coarse grained homogeneous pink syenite, 3-5% accessory magnetite calcite and chlorite-veining range between 30°-60° biotite alteration to chlorite and epidote	16	2 2					52	56	4	012	001
54	56	2	2	lithology same as above few calcite and chlorite veins orientated 40°-60° cp at 54.90 m and 55.40 m	8	2 2	1				54	58	4		
56	58	2	2	lithology same as above calcite-chlorite veins concentrated at 40° and 60°-70° cp at 57.40 and 57.70 and 57.90	7	2 2	2				56	60	4	016	006
58	60	2	2	lithology same as above calcite-chlorite veins range between 20° and 70° and are concentrated at 40°-50° and 70° cp at 58.70, 58.90 and 59.25	6	2 2	2				58	60	4		
60	62	2	2	lithology same as above calcite-chlorite veins range between 30° and 90° concentrated between 40° and 50° and at 60° cp at 60.80, 60.90 and 61.60	9	2 2	2				60	64	4	019	001
62	64	2	2	lithology same as above, calcite-chlorite veins range 30°-70° concentrated between 50°-60° cp in vein at 62.15m at 30° to core, cp at 62.35	16	2 2	2				62	64			







# DRILL HOLE RECORD

PROPERTY <i>Shika Lake</i>		Length		HOLE No. <i>2</i>	
Location		Hor. Comp. / Vert. Comp.		Sheet <i>9</i> of <i>10</i>	
Elevation		Bearing		Logged by <i>E. Gregory</i>	
Coordinates		N E		Sampled by <i>D. Handlman</i>	
		Core size / Recovery %			

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			% <sup>15/64</sup> ASSAYS			
								No	From To	Ft	Cu	Au	Ag	
98	100	2	2	Pink medium to coarse grained homogeneous syenite host alteration to chlorite and epidote accessory magnetite 3-5% chlorite calcite zeolite veins range 20°-80° concentrated between 60°-70° cp at 98.28 m and 99.90 m. - somewhat finer grained than surrounding rock	3	2 2	2							
100	102	2	2	Lithology same as above chlorite calcite zeolite veins range 30°-70° concentrated between 60° and 60° cp abundant at 100.20 m, 100.30m, 100.56 m, 100.76 m, 101.10 m, 101.25m, 101.70 m	8	2 2	5							
102	104	2	2	Lithology same as above chlorite calcite zeolite veins range 20°-80° concentrated between 40°-50° and between 70°-80° cp at 102.53 m, 102.59 m, 102.75 m, 103.80 m	12	2 2	2							
104	106	2	2	Lithology same as above chlorite calcite veins concentrated at 60°-70° cp at 104.10, 104.50, 105.00, 105.35 and 105.98 m.	12	2 2	3							
106	108	2	2	Lithology same as above massive 102.50 to 107.90 m is heavily altered to chlorite chlorite calcite veins range from 30°-80° concentrated at 30°-40° and at 80° cp at 106.25m, 106.50m, (3" in vein) and 107.90m	12	2 3	2							
108	110	2	2	Lithology same as above chlorite - chlorite - zeolite veins 30°-50° concentrated from 30°-50° and at 70° cp occurs at 108.10m, 108.35m, 108.60m, 108.90m rock is fine to medium grained 2-3% accessory magnetite	10	2 2	3							

SAMPLES			% <sup>15/64</sup> ASSAYS		
No	From To	Ft	Cu	Au	Ag
	98-100				
	100-104	4	.035	.001	
	102-106	4			
	104-108	4	.033	.003	
	106-110				
	108-112	4	.140	.001	







# DRILL HOLE RECORD

Inclination		Bearing		PROPERTY Shika Lake	Length	HOLE No. 3
Collar				Location	Hor. Comp. /Vert. Comp.	Sheet 3 of 10
				Elevation	Bearing	Logged by R. Gregory
				Coordinates	Begun /Completed	Sampled by D. Hamilton
					Core size /Recovery %	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION			MINERALIZATION				GRAPHIC	SAMPLES				% ASSAYS		
					K	E	C	Cp	Py	Bo	No		From	To	Ft	Cu	Au	Ag	
26	28	2	2	Pink medium grained homogeneous syenite - section on heavily veined calcite-zeolite veins concentrated between 40°-50° ACA. Some evidence of tearing slickensides at 20' and 45' ACA. accessory muscovite from 3-5% biotite alteration to chlorite and epidote	18		2	1											
28	30			Lithology same as above calcite chlorite-zeolite veins concentrated at 20' and at 50' ACA. Kf alteration outlets around calcite veins of mineralization band in alteration zone	9	2	2	2		2				28	32	4	.014	.001	
30	32	2	2	Lithology same as above, major calcite chlorite vein (1.5cm width) cuts core at 35' at 30.6m other veins concentrated at 30°-35° ACA fractures at 70°-80° ACA minor zeolite in some veins	7	1	2	2											
32	34	2	2	Lithology same as above fracture and minor veins 80°-90° ACA, calcite chlorite zeolite veins 35°-30° ACA minor cp dia. in syenite	5		2	2		1				32	36	4	.013	.001	
34	36	2	2	Pink to white-pink medium grained syenite - monzonite veins of calcite and chlorite at 20° and 30° ACA fractures // to veins, disseminated ep in rock at 34.8m	4		2	1		2									
36	38	2	2	White-pink medium grained homogeneous monzonite chlorite calcite veins at 30° and 80° ACA	7		2	1						36	40	4	.021	.001	

# DRILL HOLE RECORD

Casing	Inclination	Bearing	PROPERTY Shiko Lake	Length	HOLE No.
			Location	Hor. Comp. /Vert. Comp.	Sheet 1 of
			Elevation	Bearing	Logged by R. Gregory
			Coordinates	Begun /Completed	Sampled by D. Hamilton
			N E	Core size /Recovery %	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			% ASSAYS		
								No	From To	Fl	Cu	Au	Ag
38 40	2 2	Pinkish white to pink medium grained homogeneous muscovite grading to syenite at 40m calcite-zoisite veins at 25°, 40° and 65° A CA minor Kf alteration around veins		8	1 2 1								
40 42	2 2	Pink fine to medium grained homogeneous syenite - calcite-zoisite clear zone 25° A CA at 40.3m other veins and fractures concentrated at 60°-70° A CA		15	1 2 1								
42 44	2 2	Pink medium grained homogeneous syenite, mafic xenolith at 42.2m veins and fractures concentrated at 50° A CA Kf alteration aureoles around calcite veins 2-3% accessory mag		10	2 2 1								
44 46	2 2	Lithology same as above conmagmatic dike fine grained syenitic in composition at 44.1m (5cm width at 30° A CA) 5% accessory magnetite minor cp - finely disseminated		8					44	48	4	.012	.001
46 48	2 2	White-pink to pink syenite-muscovite medium grained / homogeneous fractures and veins concentrated at 45° A CA slight Kf alteration around calcite-zoisite veins		9	1 2 1								
48 50	2 2	Pink medium grained homogeneous syenite fractures, veins and shear at 50° and 30° A CA, chlorite in chlorite veins Kf alteration aureoles around calcite-zoisite veins, disseminated cp associated with halos		16	1 2 2	2							



# DRILL HOLE RECORD

CORRE	Inclination Bearing	

PROPERTY Shika Lake
Location
Elevation
Coordinates

Length
Hor. Comp. /Vert. Comp.
Bearing
Began /Completed
Core size /Recovery %

HOLE No. 3
Sheet 5 of 10
Logged by R. Gregory
Sampled by D. Hamilton

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E IC	MINERALIZATION Cp/Py/Bo	GRAPHIC	SAMPLES			% ASSAYS		
								No	From To	Ft	Cu	As	Ag
50 52	2 2	Pink medium grained homogeneous syenite biotite alteration to chlorite and epidote secondary magnetite lens 3-5% calcite-zeolite-chlorite veins concentrated at 30° and 60° ACA slight bi alteration around vein areas		10	1 2 1								
52 54	2 2	Light pink medium grained homogen- eous monzonite - syenite 2/3 Kf - 3 Plag - 3-5% magnetite - 5-10% chlorite/epidote (biotite alteration) veins of calcite/zeolite at 0°-30° ACA		5	1 2 1				52 54	4	.031	.001	
54 56	2 2	Lithology same as above slight bi alteration zones around calcite chlorite-zeolite veins, veins concentrated around 0° / 60°-70° ACA Some disseminated ep		11	2 2 1	2							
56 58	2 2	Lithology same as above major fractures and calcite veins at 60° ACA minor veins at 30° ACA disperse ep associated with veins and vein outcrops		13	1 2 2	2			56 60	4	.026	.001	
58 60	2 2	Lithology same as above calcite zeolite veins at 30° and 60° ACA heat areas of minor ep (disperse)		9	1 2 1	1							
60 62		Lithology same as above calcite zeolite veins at 45° and 30° ACA slight bi alteration around veins		9	2 2 1				60 64	4	.011	.001	
62 64		Lithology similar to above - slightly higher % of chlorite/epidote (60-70%) calcite chlorite zeolite veins concentrated at 30° ACA ep in calcite vein		8	2 2 2	1 1							

# DRILL HOLE RECORD

Inclination		Bearing		PROPERTY Shika Lake	Length	HOLE No. 5	
Collar				Location	Hor. Comp.	/Vert. Comp.	Sheet 6 of 10
				Elevation	Bearing		Logged by R. Gregory
				Coordinates	Begin	/Completed	Sampled by D. Hamilton
					N		
					E		
					Core size	/Recovery %	

FOOTAGE From To	RECOV <sup>y</sup> Run Core	DESCRIPTION	LITHOL <sup>y</sup>	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES			% <sup>ass</sup> ASSAYS		
								No.	From To	Ft	Cu	Au	Ag
64 66	2 2	Pink fine to medium grained syenite heavily veined area 64.6m-64.8m contains disseminated sp, veins (calcite) at 20° A CA other veins at 20° & 30° A CA 3/4 accessory mag.		2 2	1 2 1	2							
66 68		Lithology same as above chlorite calcite zeolite veins show evidence of leaching - silicates, veins at 30° A CA		5	1 2 2								
68 70	2 2	Lithology same as above calcite zeolite veins at 0°-20° A CA minor disseminated sp		5	2 1	1		68	72	4	.018	.001	
70 72	2 2	medium grained pink homogeneous syenite, calcite zeolite veins at 20°-30° A CA slight Kf alteration adjacent to veining		7	1 2 1								
72 74	2 2	Dark pink medium grained syenite calcite chlorite zeolite veins concentrated at 10° and 40-50° A CA Bo and Cp present as disseminated grains associated with veining, 3/4 accessory magnetite		13	1 2 2	2 1		72	76	4	.160	.013	
74 76	2 2	Lithology same as above, calcite chlorite zeolite veins at 40° A CA sp disseminated and filling fractures minor veining at 10° A CA Major chlorite calcite vein at 75.5m 130° A CA		20	2 2	1							
76 78	2 2	Pink grey pink syenite fine to medium grained sp also both in pinky grey areas I again note alteration to chlorite and epidote Kf alteration most pronounced around stringers sp associated with calcite veins		21	2 2 1	1		76	80	4	.350	.032	

# DRILL HOLE RECORD

CORNER	Inclination	Bearing	PROPERTY Shiko Lake	Length	HOLE No. 3
			Location	Hor. Comp. /Vert. Comp.	Sheet 7 of 10
			Elevation	Bearing	Logged by R. Gregory
			Coordinates	Begun /Completed	Sampled by D. Hamilton
			N E	Core size /Recovery %	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K E C	MINERALIZATION Cp Py Bo	GRAPHIC	SAMPLES		ASSAYS		
								No	From To	% Cu	% Au	% Ag
78 80	2 2	Pink to grey pink medium grained syenite 3% accessory magnetite biotite alteration to chlorite and epidote veins (calcite zeolite) concentrated at 0° and 60° A.C. heavy alter- ation between 78.20 and 78.20 of cp and bi in veins and in kf areas surrounding veins		18	2 2 1	3 1		78 80	4			
80 82	2 2	Pink fine to medium grained syenite 3-5% accessory magnetite biotite alteration to chlorite and epidote calcite zeolite chlorite veins at 60° - 70° A.C. slight kf alteration around stringers	H6	16	1 2 2							
82 84	2 2	Pink to grey pink fine to medium syenite calcite zeolite chlorite veins at N 45° A.C. cp found in vein areas fracture filling, kf alter- ation around veins		9	2 2 2	1						
84 86	2 2	Lithology same as above - more highly veined and fractured material calcite zeolite chlorite veins at 25° 60° A.C. minor cp disseminated around veined area		22	1 2 2	1		84 86	4	0.24	0.01	
86 88	2 1.5	Lithology similar to above - patchy grey areas rock is highly fractured and broken up minor cp in fractures and veins			1 2 2	1						
88 90	2 2	Lithology similar to above grey & pink patchy areas pink kf areas to result from secondary alteration around veins kf alteration zones carry minor amounts of cp white zeolite veins at 30° and 60° A.C.		15	3 2 1	1						



# DRILL HOLE RECORD

Inclination		Bearing		PROPERTY <i>Shika Lake</i>	Length	HOLE No. <i>3</i>
Collar				Location	Hor Comp /Vert Comp	Sheet <i>9</i> of <i>10</i>
				Elevation	Bearing	Logged by <i>R. Gregory</i>
				Coordinates	N Begun /Completed	Sampled by <i>D. Hamilton</i>
					E Core size /Recovery %	

FOOTAGE From To	RECOVY Run Core	DESCRIPTION	LITHOLY	Veins / Metre	ALTERATION K   E   C	MINERALIZATION Cp   Py   Bo	GRAPHIC	SAMPLES			% <sup>g</sup> /m ASSAYS			
								No	From To	Fl	Cu	Au	Ag	
104	106	2	2	Patches of pink and orange-pink fine to medium grained syenite veins (calcite veins at 30° A CA, slight kf alteration associated with veins 3.2 necessary max. bioalter. oblique)	9	2 2 1								
106	108	2	2	Lithology same as above chlorite calcite zeolite veins at 30° and 45° A CA	8	2 2 2								
108	110	2	185	108-109 m lithology same as above 109-110 m crushed and fractured zone highly calcified - brecciated rock probably related to faulting and leaching	breccia	2 3			108	112	4	.022	.001	
110	112	2	2	Orange pink syenite-monzonite fractures and calcite chlorite druse concentrated at 60° A CA minor sp associated with kf alteration around veins.	12	1 2 2	1							
112	114	2	2	Lithology same as above fracture and vein area 112 m - 113.5 m containing minor amounts of cp (fracture filling) calcite chlorite zeolite veins concentrated at 40° A CA	17	1 2 2	1			112	116	4	.089	.001
114	116	2	2	Lithology same as above, calcite zeolite chlorite veins between 40° and 50° A CA minor disseminated sp	11	2 2	1							
116	118	2	2	Lithology same as above, kf alteration out veins, fractures and veins // at 45° A CA	5	2 2 1				116	120		.091	.005



APPENDIX 11

ASSAY CERTIFICATES



To: Fox Geological Consultants Ltd.,  
410 - 675, W. Hastings St.,  
Vancouver, B.C.  
V6B 1N2

852 E. Hastings St., Vancouver, B.C. V6A 1R6  
phone:253 - 3158

File No. 80-191

Type of Samples Core

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Au oz/ton																			
80SH DH1 1.62m- 4m	2000	.011																			1
8m-12m	128	.002																			2
16m-20m	770	.025																			3
24m-28m	300	.015																			4
28m-32m	390	.019																			5
32m-36m	235	.004																			6
36m-40m	122	.004																			7
40m-44m	101	.007																			8
48m-52m	126	.002																			9
56m-60m	93	.001																			10
64m-68m	180	.001																			11
80SH DH1 72m-76m	141	.001																			12
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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED May 1, 1980

DATE REPORTS MAILED May 6, 1980

ASSAYER

DEAN TOYE, B.S.C.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





To: Fox Geological Consultants Ltd.,  
3743 Roblin Place,  
North Vancouver, B.C.  
V7N 2C5

File No. 80-200  
Type of Samples Core  
Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

1

No.	Sample	Cu ppm	Au oz/ton					No.
1	80 SH DH 2 5.9m- 8m	300	.001					1
2	8 - 12	149	.001					2
3	12 - 16	150	.001					3
4	20 - 24	132	.002					4
5	28 - 32	129	.001					5
6	36 - 40	122	.001					6
7	44 - 48	79	.001					7
8	52 - 56	123	.001					8
9	56 - 60	158	.006					9
10	60 - 64	192	.001					10
11	68 - 72	97	.001					11
12	76 - 80	65	.001					12
13	84 - 88	73	.001					13
14	92 - 96	380	.001					14
15	100 - 104	350	.001					15
16	104 - 108	330	.003					16
17	108 - 112	1400	.001					17
18	112 - 116	1800	.037					18
19	80 SH DH 2 116 m - 120m	250	.001					19
20								20

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DATE SAMPLES RECEIVED May, 5, 1980

DATE REPORTS MAILED May, 8, 1980

ASSAYER *D. Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Fox Geological Consultants Ltd.,

File No. 80-200Type of Samples Core

Disposition \_\_\_\_\_

**ASSAY CERTIFICATE**

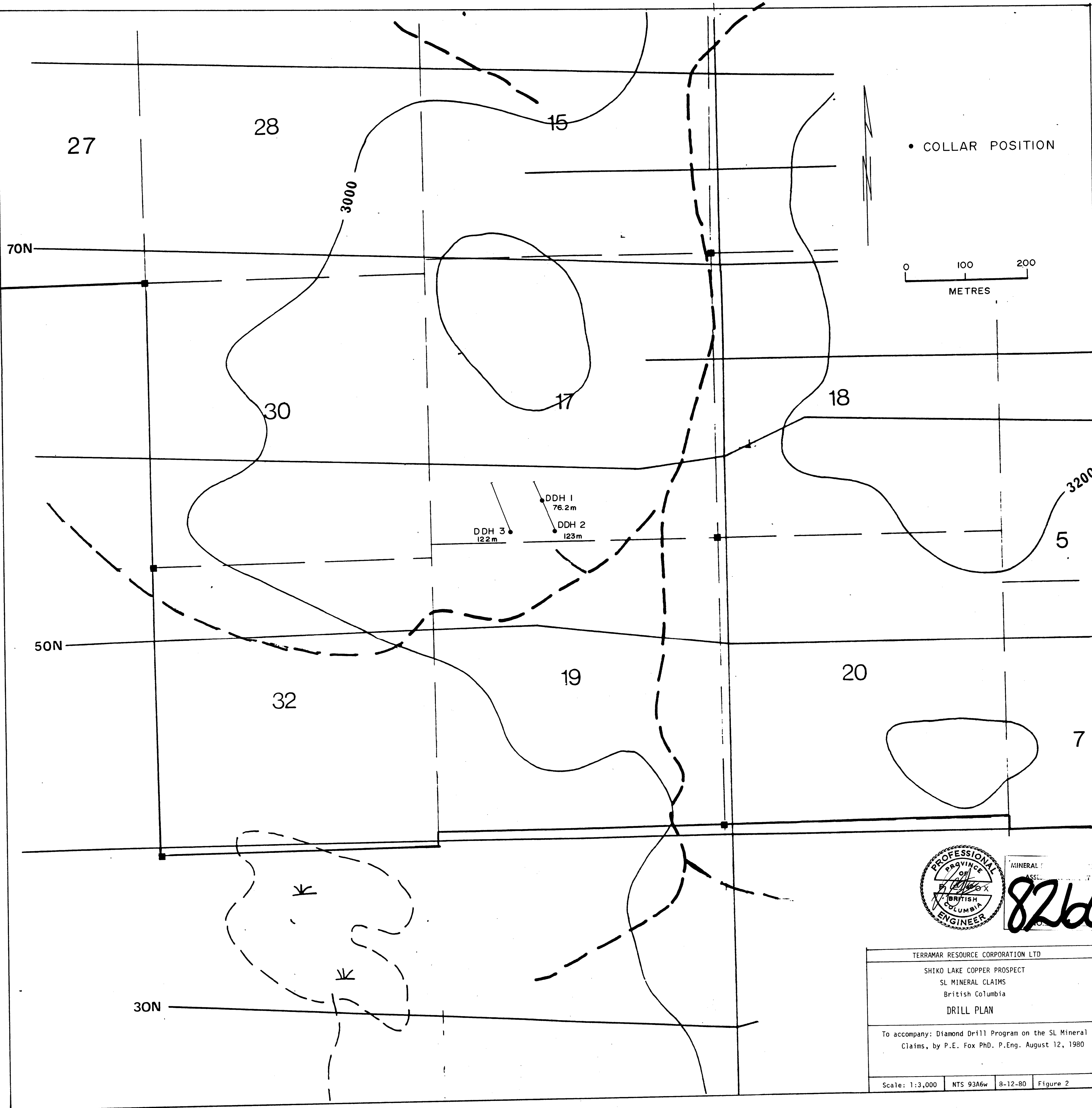
No.	Sample	Cu ppm	Au oz/ton					No.
1	80 SH DH 3 4m- 8m	220	.001					1
2	8 - 12	690	.001					2
3	12 - 16	183	.001					3
4	20 - 24	400	.005					4
5	28 - 32	143	.001					5
6	32 - 36	126	.001					6
7	36 - 40	210	.001					7
8	44 - 48	120	.001					8
9	52 - 56	390	.001					9
10	56 - 60	255	.001					10
11	60 - 64	113	.001					11
12	68 - 72	178	.001					12
13	72 - 76	1600	.013					13
14	76 - 80	3500	.032					14
15	84 - 88	240	.001					15
16	92 - 96	134	.001					16
17	100 - 104	290	.001					17
18	108 - 112	215	.001					18
19	112 - 116	190	.001					19
20	80 SH DH 3 116m-120m	410	.005					20

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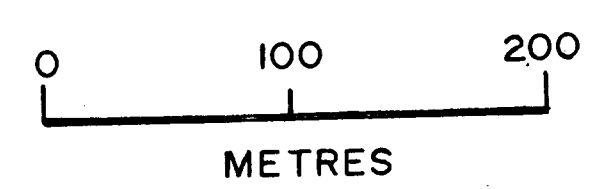
DATE SAMPLES RECEIVED May, 5, 1980DATE REPORTS MAILED May, 8, 1980

ASSAYER

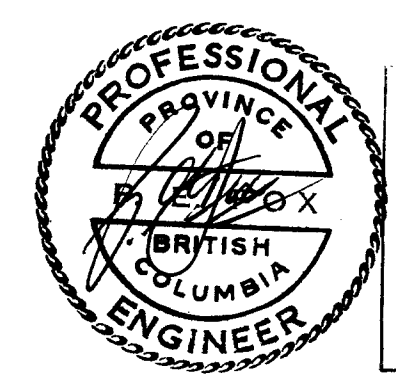
*D. Toy*  
DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



• COLLAR POSITION



DDH 1  
76.2m  
DDH 2  
123m  
DDH 3  
122m



MINERAL ENGINEER  
NO. 8260

TERRAMAR RESOURCE CORPORATION LTD			
SHIKO LAKE COPPER PROSPECT SL MINERAL CLAIMS British Columbia DRILL PLAN			
To accompany: Diamond Drill Program on the SL Mineral Claims, by P.E. Fox Ph.D. P.Eng. August 12, 1980			
Scale: 1:3,000	NTS 93A6w	8-12-80	Figure 2