
CORDILLERAN ENGINEERING LTD.

1980 GUINNESS TOWER, 1055 WEST HASTINGS STREET, VANCOUVER, B.C. V6E 2E9 TEL: (604) 681-8381

March, 1989

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FAIRFIELD MINERALS LTD.

DILL/BANK PROPERTIES

Dill 2 Claims (36 Units)
Bank 2 Claims (32 Units)

NTS: 92/H-9W, 16W
Similkameen Mining Division, British Columbia

1989 RECOMMENDED EXPLORATION PROGRAM (DURATION: 12 Months: March 1, 1989 to February 28, 1990)

SUMMARY

PERIOD: Field: June 1 to August 31, 1989

PROGRAM: Preparation: Project planning, personnel, contractors, base map.

Acquisition: Dill: 136 units
Bank: 168 units

Geochemistry 4,700 grid soils
400 trench profiles
800 trench rock chips

Assays: 120 trench rock chips

Access: Dill: Logging 0.7 km, road building and reclamation

Trenching: Dill: 1,200 m

Geology: Map trenches, properties and prospect.

Geophysics: Dill: IP - 5 km (in logged areas)
Bank: VLF-EM + Mag - 20 km.

Data Compilation: Evaluation of results
Final report preparation.

ESTIMATED COST: \$300,000

DESCRIPTION of DILL/BANK PROPERTIES: Detailed on pages 2 and 3.

ESTIMATED COST: Detailed on pages 4 and 5.

DESCRIPTION OF DILL/BANK PROPERTIES
Similkameen Mining Division, British Columbia

DILL GOLD-COPPER PROPERTY

2 Claims (36 Units) NTS: 92/H-9W, 16W

The Dill gold-copper property is located 50 km west of Peachland in southern B.C. The claims were staked during 1988 to cover several small mineral showings and a favourable geological setting for gold-copper vein/stockwork deposits.

The claims are underlain by volcanic and intrusive rocks of the Nicola Group intruded by granitic dykes from a Coast Intrusive batholith located immediately east of the property. The volcanic rocks are strongly fractured with local zones of carbonate, silica or clay alteration.

Sulphide minerals found as disseminations or within quartz and calcite veinlets include pyrite, pyrrhotite, chalcopyrite and rarely sphalerite and galena. Selected samples of quartz vein material with pyrite and chalcopyrite gave values up to 0.659 oz/ton gold.

Results from grid soil sampling of a portion of the Dill property indicated two north to northwest-trending gold anomalies roughly 600m by 300m and 500m by 150m. Anomalous copper values are partially coincident with these two areas.

Brican Resources Limited own the MAN copper-gold property adjoining the Dill claims. Recent drilling has returned 207 ft of 0.76% Cu, 0.003 oz/t Au and several other significant intercepts.

BANK GOLD PROPERTY

2 Claims (32 units) NTS: 92/N-9W, 16W

The Bank gold property is located 40 km west of Peachland in southern B.C. The claims were staked during 1988 to cover an area of anomalous gold values in stream sediment and soil samples. Bedrock exposures are scarce but the interpreted geological setting is favourable for gold-bearing vein deposits.

Scattered outcrops of coarse Coast Intrusion granites indicate that the area is underlain by batholith, but abundant granite porphyry float cobbles suggest that Otter Intrusion dykes are also present. Major topographic lineaments striking north and northeast transect the property.

Grid soil sampling of a portion of the Bank property returned many strongly anomalous gold values up to a high of 2610 ppb. The pattern of anomalies indicates a broad northwest trend but with gold mineralization possibly concentrated along northeast structures where they intersect this trend. Silver geochemical anomalies show a partial coincidence with high gold values and zinc values are generally low.

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Fairfield Minerals Ltd.
DILL/BANK Properties

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RECOMMENDED WORK PROGRAMS:

Work recommended on the two properties includes acquisition of additional claims, soil geochemical sampling, geological mapping, prospecting, geophysical orientation surveys, and backhoe trenching of the best geochemical targets at Dill.

APPENDED

Property Location and Regional Geology Map
1989 Proposed Program Map

DILL/BANK'89 Continued

DILL/BANK PROPERTIES

ESTIMATED COST OF 1989 RECOMMENDED EXPLORATION PROGRAM

(DURATION: 12 months: March 1, 1989 to February 28, 1990)

PERSONNEL

1 Geologist	6 mo x \$3000/mo	18,000	
3 Soil/Trench Samplers	3 x 3 mo x 2000/mo	18,000	
1 Cook/Sampler	3 mo x 2700/mo	<u>8,100</u>	
1 Excavator Operator	Sub total	44,100	
6 Crew Total	Overtime	7,000	
	Benefits	<u>5,900</u>	\$57,000

PROFESSIONAL & TECHNICAL SERVICES

25 days x \$600/day	15,000	
100 days x 450/day	<u>45,000</u>	60,000

BASE MAP PREPARATION

Topo Map and Air Photo Enlargements: Dill, Bank ea @ \$800.....		1,600
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CLAIM ACQUISITION

Dill 136 units and Bank 168 units	304 units x \$50/unit		15,200
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GEOCHEMICAL ANALYSIS

Dill Property:

Soils: grid 200m x 50m (Au,Cu)	900 x \$ 8.00/sample	7,200	
Soils: fill-in (Au,Cu)	600 x 8.00/sample	4,800	
Soils: trench profiles (Au,Cu)	400 x 8.00/sample	3,200	
Rocks: trench chips (Au,Cu)	800 x 11.50/sample	<u>9,200</u>	24,400

Bank Property:

Soils: grid 200m x 50m (Au)	1600 x \$5.50/sample	8,800	
Soils: fill-in (Au)	1600 x 5.50/sample	<u>8,800</u>	17,600

ASSAYS (Trench rock chips)

Dill: (Au,Ag,Cu)	100 x \$20	2,000	
Bank: (Au,Ag)	20 x 15	<u>300</u>	2,300

LOGGING

Cutting and decking timber in areas
of trench sites & access roads

Dill	0.7 km x \$2600/km	1,820	
Mob-demob	.....	<u>780</u>	2,600
	Sub Total Forward		<u>\$180,700</u>

March, 1989

Dill/Bank Properties

ESTIMATED COST OF 1989 EXPLORATION PROGRAM CONT'D

Sub Total Forward..... \$180,700

BACKHOE

Trenching and				
Road Building	Dill 1200m:	250 hrs x \$75/hr	.....	18,750
Reclamation		70 hrs x 75/hr	.....	5,250
Mob/demobilization			.....	<u>1,500</u>
				25,500

GEOPHYSICS

IP	(100m x 25m)	Dill: 5 km x \$1000/km	.....	5,000
VLF-EM + Mag	(200m x 12.5m)	Bank: 20 km x 150/km	.....	<u>3,000</u>
				8,000

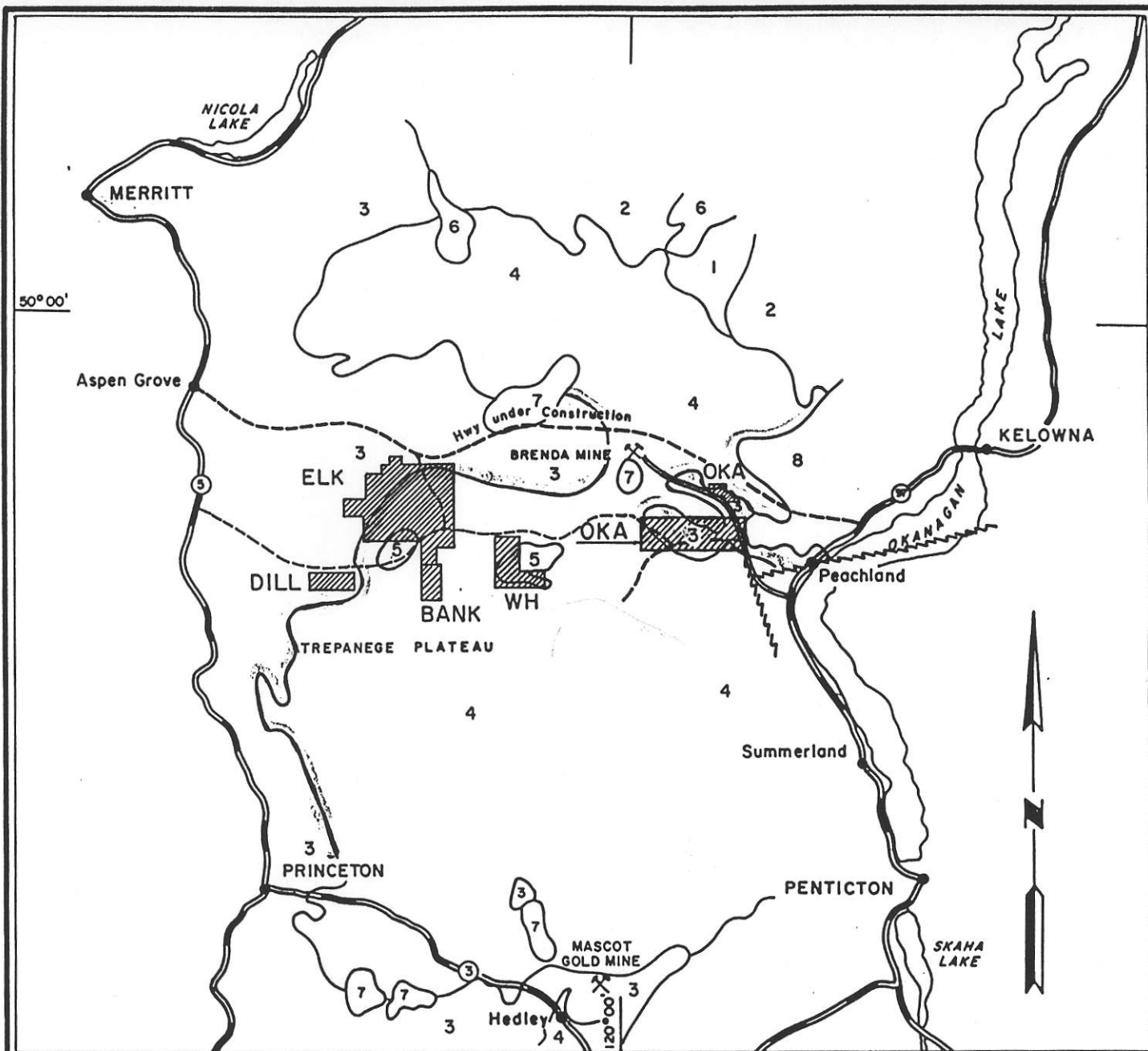
RENTALS

Compressor	2 mos.	x \$1000/mo	.....	2,000
Radiotelephone (vehicle)	3 mos.	x 200/mo	.....	600
Camp Equipment	3 mos.	x 2000/mo	.....	6,000
4x4 Vehicle	3 mos.	x 1400/mo	.....	<u>4,200</u>
				12,800

GENERAL EXPENSES

Camp Equipment & Supplies	.....	3,500
Drafting & Computer Plotting	.....	3,500
Food	500 mandays x \$12/md	6,000
Freight & Express	.....	2,000
Insurance	.....	500
Maps & Publications	.....	300
Office Supplies & Printing	.....	1,600
Petrographic Studies	.....	900
Propane	.....	600
Recording Fees	.....	9,000
Telephone & Postage	.....	1,200
Travel	.....	1,800
Trucking	.....	600
Vehicle Operating, Maintenance	.....	<u>1,500</u>
		<u>33,000</u>	
Sub Total		\$260,000	
15% Administration Fee	.....	<u>40,000</u>

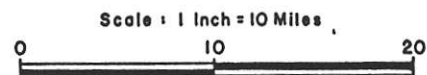
**TOTAL ESTIMATED COST OF
1989 RECOMMENDED EXPLORATION PROGRAM
ON THE DILL/BANK PROPERTIES** \$300,000



LEGEND

8	Eocene/Oligocene	Andesite flows
7	Miocene/earlier	Princeton Group - shale, sandstone
6	Miocene/earlier	Kamloops Group - rhyolite, andesite
5	Upper Cretaceous	Otter Intrusions - granite
4	Jurassic/Cretaceous	Coast Intrusions - granite, granodiorite
	Upper Triassic	Nicola Group - sediments, greenstone
2	Carbonaceous	Cache Creek Group - argillite, quartzite
1	Pre Permian	Chaparron Group - schist

FAIRFIELD MINERALS LTD.
 PROPERTY LOCATION
 AND
 REGIONAL GEOLOGY
 OKA, ELK, DILL, BANK & WH
 PROPERTIES
 SOUTH OKANAGAN AREA, B.C.



Scale: 1 Inch = 10 Miles

Scale in Miles

CORDILLERAN ENGINEERING LTD.
 1980-1055 W. HASTINGS STREET
 VANCOUVER, B.C. V6E 2E9



claims
 is Soil Grid
 ed Soil Grid
 ed Geophysics
 ed Trench

FAIRFIELD MINERALS LTD.
1989 PROPOSED PROGRAMS DILL/BANK PROPERTIES
SIWASH CREEK AREA SIMILKAMEEN M.D. NTS 92H-9, 16, B.C.
SCALE - 1:100,000 CORDILLERAN ENGINEERING LTD. Vancouver, B.C. MARCH 1989

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March, 1989

PLACER DOME INC.
DILL/BANK - 1989 PROGRAM

BASED ON ESTIMATED PAYABLES THE FOLLOWING CASH CALLS ARE REQUIRED
TO FUND THE 1989 APPROVED \$300,000 PROGRAM

<u>CASH CALL REQUIRED BY:</u>	<u>CASH CALL REQUIREMENTS</u>
March 28, 1989	\$ Nil
April 25, 1989	15,000
May 25, 1989	35,000
June 26, 1989	85,000
July 25, 1989	70,000
Aug. 25, 1989	55,000
Sept. 25, 1989	10,000
Oct. 25, 1989	10,000
Nov. 27, 1989	10,000
Dec. 15, 1989	Nil
Jan. 25, 1990	5,000
Feb. 23, 1990	<u>5,000</u>
TOTAL CASH CALL REQUIREMENT	<u>\$ 300,000</u>