

Sam Craig  
715-3888

672827

**FALCONBRIDGE**

Date: November 13, 1989  
To: Nils von Fersen  
From: Robert Stewart

**PROPERTY RECOMMENDATION: SAM CRAIG CLAIMS; KENNEDY RIVER AREA  
NTS: 92F/3W**

Acquisition is recommended for a 116 unit claim group owned by Sam and Arlene Craig (Table 1, Figure 1). Massive pyrite with geochemically anomalous Au-Ag-Cu-As-Bi mineralization occurs in small massive pyrite pods in outcrop near a Karmutsen formation rhyodacite tuff and basalt contact.

Favourable features for the Sam Craig Property are:

- 1) Geochemically anomalous massive pyrite pods occur within a sheared contact between rhyodacitic tuff and basalt. Summary results given in Table 2, complete results in Table 3.
- 2) Comprehensive geological, geochemical and geophysical programs have not extended beyond the area near the rocky bluffs (Table 4, Figure 2).
- 3) It lies in accessible terrain, 6km up (600m) a derrick logging road that is about 55km along the Pacific R.M. Highway from Port Alberni.

My field inspection of the property with Doug Paterson on September 22, 1989 keyed on seeing outcrops around the pyritic showings and alteration where previous work had been focused at the head of the Catsear Creek valley (Plates 1 and 2).

My initial impression of the altered intermediate rocks is that they represent the porphyritic margin to a granodioritic intrusion. Moderate but patchy chloritic and sericitic alteration are common in outcrops along the contact zone with Karmutsen basalts. Placer mapped the area around the pyritic showings as andesite, dacite and rhyodacite. My present interpretation of the intermediate rocks is that they are altered dacitic to rhyodacitic tuffs. This change reflects Placer's broader experience in the area and incorporates thin section observations from 2 locations in the rhyodacite. Section VA13228 has relict plagioclase and pyroxene (?) in an andesitic or recrystallized groundmass. Section VA13229 is from closer to the contact and contains broken relict plagioclase and pyroxene (?) in a fine ash matrix. Accessory basalt fragments are also present.

The massive pyrite pods are mineralized by pyrite and arsenopyrite in a sheared and altered volcanic. Adjacent the massive pyrite are banded chalcocenic veins with pyrite stringers. Sections VA13228, VA13229, and VA13222 contain only trace chalcopyrite as inclusions in pyrite.



Property negotiations should proceed along the lines that this is a grass-roots property with a promising showing that has been under-explored. Sam Craig has expressed an interest in the project being a joint venture with Don McLeod of Martha & Scotty Gold.

TABLE 1: TECHNICAL DETAILS REGARDING CATLEAR CREEK PROPERTY

REGISTERED CLAIMS OWNER: Sam Craig (SC) of Arlano Creek (AC) 1600  
 OWNER'S ADDRESS: P.O. Box 71, Tofino, B.C. V0R 2Z0.  
 Tofino: (604) 725-3388, Vancouver: (604) 943-0392

CLAIM	RECORD	UNITS	RECORD DATE	EXPIRY DATE
PC 1 (SC)	3546	20	MAY 20, 1987	MAY 20, 1990
PYRO 1 (AC)	3880	12	JULY 12, 1987	JULY 12, 1990
PYRO 2 (AC)	3881	3	JULY 12, 1989	JULY 12, 1990
PYRO 3 (AC)	3951	6	OCTOBER 20, 1989	OCTOBER 20, 1990
PYRO 4 (SC)	3920	16	SEPTEMBER 5, 1989	SEPTEMBER 5, 1990
PYRO 5 (SC)	3921	4	SEPTEMBER 5, 1989	SEPTEMBER 5, 1990
PYRO 6 (SC)	3926	20	SEPTEMBER 18, 1989	SEPTEMBER 18, 1990
PYRO 7 (SC)	3942	20	OCTOBER 10, 1989	OCTOBER 10, 1990
PYRO 8 (SC)	3943	15	OCTOBER 10, 1989	OCTOBER 10, 1990

9 CLAIMS STAKED AS 116 UNITS.

TABLE 2 FAVOURABLE GEOCHEMICAL RESULTS FROM THE CATLEAR CREEK PROPERTY

	Cu (ppm)	Ag (ppm)	Mo (ppm)	As (ppm)
Bi (ppm)				
VA13231	508	573		
VA13232				
VA13233				

Samples are from massive pyrite (VA13231) and pyrite (VA13232) bands  
 hand specimen showing massive pyrite (VA13231) and pyrite (VA13232) bands  
 of VA13232 and pyrite (VA13231) bands.

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REPORT: V89-06933.0

DATE PRINTED: 17-OCT-89

PROJECT: 601-604-003

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
<del>R2 VAD7989</del>	<del>NOT FROM CATS EAR CREEK.</del>	<del>9</del>	<del>&lt;0.2</del>	<del>21</del>	<del>71</del>	<del>&lt;0.5</del>	<del>&lt;2</del>	<del>&lt;1</del>	<del>6</del>	<del>6</del>	<del>83</del>	<del>40</del>
R2 VA13228		45	<0.2	26	170	<0.5	<2	<1	<5	12	24	27
R2 VA13229		7	<0.2	37	76	<0.5	<2	<1	<5	3	32	9
R2 VA13230		79	0.4	804	105	<0.5	<2	<1	<5	<1	48	635
R2 VA13231		5773	11.8	1329	15	<0.5	64	<1	<5	4	141	508
R2 VA13232		828	2.9	1036	7	<0.5	59	<1	<5	6	125	811
R2 VA13233		434	2.7	1004	7	<0.5	44	<1	<5	7	160	638

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SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mn PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM
<del>R2 VAD7989</del>		<del>6</del>	<del>3</del>	<del>1</del>	<del>58</del>	<del>2</del>	<del>4</del>	<del>4</del>	<del>6</del>	<del>&lt;20</del>	<del>&lt;5</del>	<del>&lt;1</del>
R2 VA13228		7	<1	4	266	2	3	6	<2	<20	<5	2
R2 VA13229		8	<1	4	658	1	3	1	<2	<20	<5	1
R2 VA13230		<2	<1	<1	46	15	<1	<1	<2	<20	<5	1
R2 VA13231		<2	<1	<1	60	20	<1	1	<2	<20	<5	<1
R2 VA13232		<2	<1	<1	39	9	<1	2	4	<20	<5	<1
R2 VA13233		<2	<1	<1	37	8	<1	4	13	<20	<5	<1

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SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Sr PPM	Ta PPM	Te PPM	V PPM	Y PPM	Zn PPM	Zr PPM	Ba PPM
<del>R2 VAD7989</del>		<del>&lt;20</del>	<del>12</del>	<del>&lt;10</del>	<del>&lt;10</del>	<del>2</del>	<del>7</del>	<del>33</del>	<del>1</del>	<del>870</del>
R2 VA13228		<20	8	<10	<10	22	3	32	1	1200
R2 VA13229		<20	12	<10	<10	13	2	59	2	720
R2 VA13230		<20	1	<10	<10	71	<1	58	2	240
R2 VA13231		<20	<1	21	43	<1	1	85	2	90
R2 VA13232		<20	<1	17	18	<1	<1	37	1	<20
R2 VA13233		<20	<1	11	15	<1	<1	33	<1	<20

**CAT'S EAR CREEK % SAM CRAIG**

- VA13228: SERICITIC GRANODIORITE ON BLUFF AT 200° TO DRILL HOLE; EPIDOTE AND CHLORITE ALTERATION ALSO NEARBY.
- VA13229: FINE GRAINED GRANODIORITE ON BLUFF AT 250° TO DRILL HOLE; WEST END OF RUSTY BLUFF.
- VA13230: LEACHED GOSSAN NEXT TO MASSIVE PYRITE ON RUSTY BLUFF; ABOUT 245° TO DRILL HOLE.
- VA13231: MASSIVE SULPHIDE "SAND" FROM A WEATHERED 2m x 3m lens halfway up bluff; about 250° to drill hole.
- VA13232: CHALCEDONIC VEINS AND PYRITE STRINGERS IN RUSTY BLUFF NEXT TO VA13231.
- VA13233: SAME AS 13232 ONLY HAS LESS STRINGER PYRITE.

\* 3 samples from essentially the same location at a small massive pyrite lens have geochemically anomalous Au, Ag, As, Bi and Cu.

R. Stewart October 25/89

FALCON BRIDGE ASSAYS



Bondar-Clegg & Company Ltd.  
30 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2R5  
(4) 985-0681 Telex 04-352667



Certificate  
of analysis

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REPORT: V89-06933.6

DATE PRINTED: 27-OCT-89

PROJECT: 601-604-005

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SAMPLE NUMBER	ELEMENT UNITS	Au OPT
R2 VA13231		0.320



TABLE 4: SUMMARY OF PREVIOUS WORK; CATSEAR CREEK PROPERTY

- 1970 Mt. Washington Copper Co. Ltd. and Phelps Dodge:
- searching for porphyry copper deposit.
  - work included soil geochemistry, stripping and diamond drilling (3 holes, 277m), 1 drill casing seen by RDS.
  - only Cu,MO,Zn,Ag soil geochemistry report filed (Rept. #3376); Cu-Mo found on south side of valley.
- 1982/83 Walter Guppy; Rept. #11419
- August/82: prospecting traverses east, south and north of pyrite showing. Pyritic volcanics extend to north.
  - June/83 100 soil samples at 25m intervals on lines 100m apart over the pyritic volcanics. Analysed by Cominco for Cu and Zn with every fifth sample tested for Au.
  - August/83 followup prospecting to Au soil anomaly in east of grid and Cu soil anomaly.
- 1984 Placer Development; Rept. #12766, (M. Gareau, P. Kowalczyk)
- February/84: optioned property from Walter Guppy.
  - geological mapping of andesite, dacite and rhyodacite with local coarse agglomerate and widespread chlorite and spotty epidote and silica development.
  - May/June/84: MAG, VLF, and soil geochemistry. (Figure 2)
  - source of best Au soil Anomaly A was never located.
- 1987 Acquest Enterprises Ltd.; Rept. # 16252, (C. Soux)
- 3 days prospecting for source of Placer's Anomaly A.
  - 29 2m chip samples collected. (Table 5)
  - found anomalous Au, Ag, Cu samples. (Figures 2 and 3)
  - detailed mineral study of sample with 1.33 oz/t Au.



TABLE 5 SOUL'S RESULTS

REPORT: 127-4639

PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	500	35	1000	30	20	45	150	400	30	2	40
		Cu PPM	Pb PPM	Zn PPM	Mo PPM	Co PPM	Ni PPM	Cr PPM	Mn PPM	Cd PPM	Hg PPM	As PPM
R2 ALP 87-1A		674	221	62	23	7	40	310	77	<1	<0.5	
R2 ALP 87-1B		495	821	79	14	9	41	328	79	<1	<0.5	
R2 ALP 87-02		71	72	47	3	6	11	118	279	<1	<0.5	
R2 ALP 87-03		53	39	139	3	7	10	74	1266	<1	<0.5	
R2 ALP 87-04		59	30	42	3	5	5	59	578	<1	<0.5	
R2 ALP 87-05		39	18	62	3	4	18	77	764	<1	<0.5	
R2 ALP 87-06		74	31	49	2	1	3	36	481	<1	<0.5	
R2 ALP 87-07		71	15	37	1	<1	<1	30	386	<1	<0.5	
R2 ALP 87-08		466	<5	10	<1	<1	<1	19	40	<1	<0.5	
R2 ALP 87-09		91	14	62	5	1	1	56	628	<1	<0.5	
R2 ALP 87-10		41	13	51	2	1	<1	45	569	<1	<0.5	
R2 ALP 87-11		813	24	16	60	46	9	95	133	<1	<0.5	
R2 ALP 87-12		463	14	11	5	14	4	85	95	<1	<0.5	
R2 ALP 87-13		248	7	18	3	18	9	34	436	<1	<0.5	
R2 ALP 87-14		42	12	26	1	10	3	33	583	<1	<0.5	
R2 ALP 87-15		56	12	29	1	5	1	59	272	<1	<0.5	
R2 ALP 87-16		202	14	11	1	8	1	36	97	<1	0.7	
R2 ALP 87-17		73	12	16	1	5	1	33	158	<1	<0.5	
R2 ALP 87-18		39	26	7	3	5	1	48	13	<1	4.1	131
R2 ALP 87-19		62	16	226	4	40	119	288	2033	<1	<0.5	10
R2 ALP 87-20		37	9	74	3	13	47	143	657	<1	<0.5	11
R2 ALP 87-21		6954	7	144	9	124	60	138	316	<1	<0.5	<2
R2 ALP 87-22		3652	<5	40	5	177	48	132	204	<1	<0.5	<2
R2 ALP 87-23		2064	13	60	3	42	18	110	760	<1	1.4	7
R2 ALP 87-24		597	7	77	3	30	22	66	1156	<1	<0.5	3
R2 ALP 87-25		127	13	62	3	13	5	58	737	<1	<0.5	<2
R2 ALP 87-26		68	8	79	2	13	3	42	1332	<1	<0.5	2
R2 ALP 87-27		49	<5	82	2	22	5	29	1844	<1	<0.5	<2
R2 ALP 87-28		41	12	46	2	16	4	29	837	<1	<0.5	<2
R2 ALP 87-29		7134	19	46	8	55	18	153	506	<1	4.4	<2
R2 ALP 87-JUST FOR SHOW		1520	21	18	333	399	249	104	279	<1	0.8	3



TABLE 5: Sox's Results

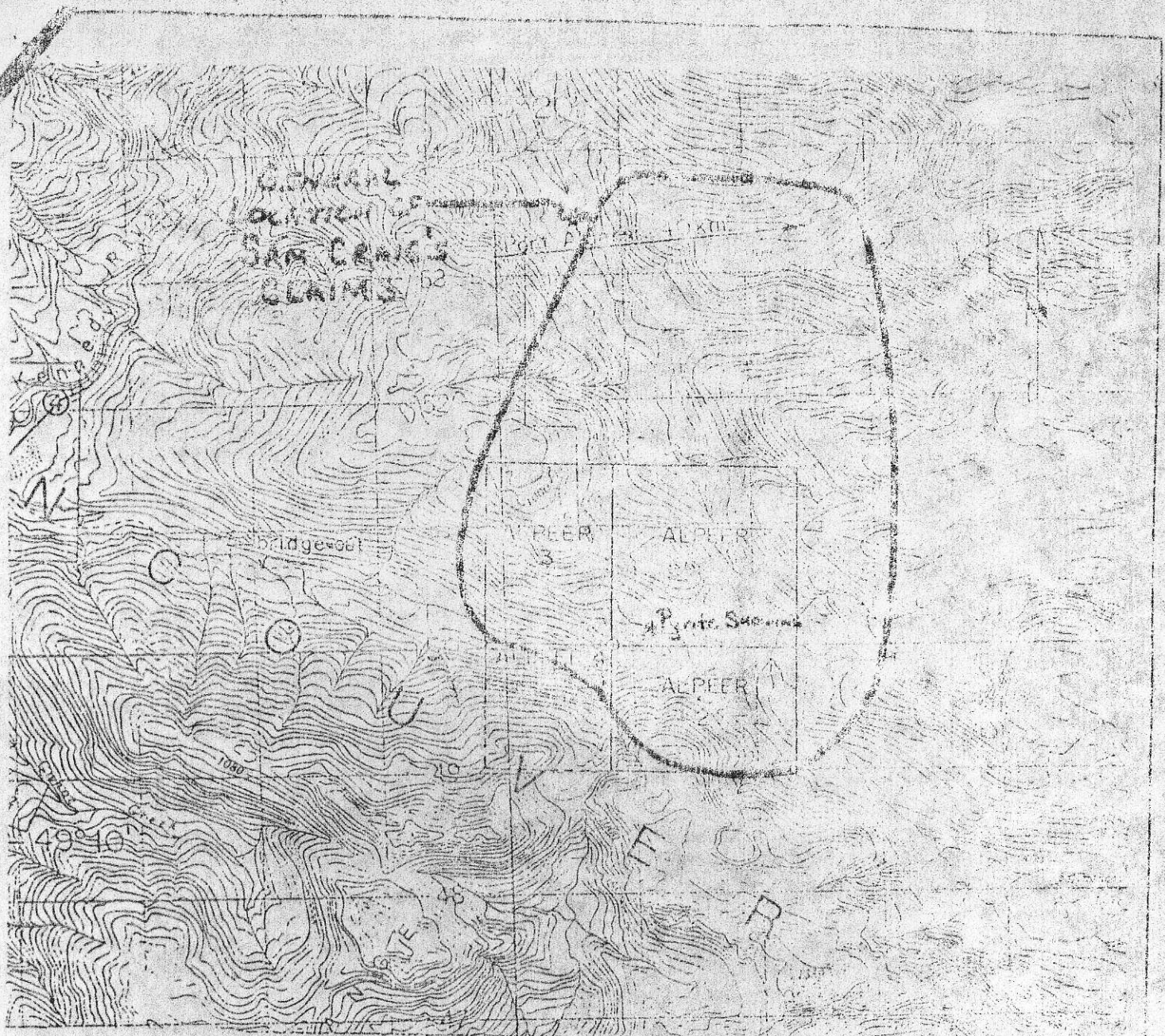
REPORT: 127-4009

PROJECT: NONE GIVEN

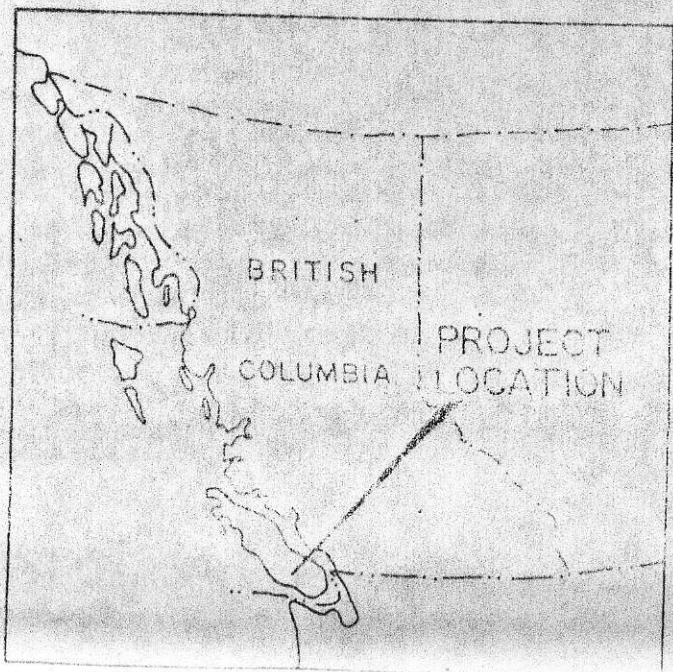
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SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	100	50	50			50		50	100
			V	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
R2 ALP 87-1A		>10.00	8	44	<10	<10	<10	10	<5	<10	65
R2 ALP 87-1B		>10.00	7	53	<10	<10	<10	9	<5	<10	70
R2 ALP 87-02		5.75	47	234	<10	<10	<10	8	5	<10	240
R2 ALP 87-03		4.84	37	38	<10	<10	<10	7	10	<10	10
R2 ALP 87-04		7.66	108	394	<10	<10	<10	8	<5	<10	180
R2 ALP 87-05		4.55	81	30	<10	<10	<10	7	<5	<10	5
R2 ALP 87-06		5.10	37	63	<10	<10	<10	7	<5	<10	15
R2 ALP 87-07		6.76	31	130	<10	<10	<10	8	<5	<10	5
R2 ALP 87-08		>10.00	12	1242	24	<10	<10	<5	<5	<10	50
R2 ALP 87-09		6.43	32	256	<10	<10	<10	8	<5	<10	<5
R2 ALP 87-10		4.40	25	45	<10	<10	<10	7	<5	<10	<5
R2 ALP 87-11		6.29	29	32	<10	<10	<10	7	<5	<10	240
R2 ALP 87-12		2.35	21	10	<10	<10	<10	7	13	<10	70
R2 ALP 87-13		5.38	155	<5	<10	<10	<10	<5	<5	<10	60
R2 ALP 87-14		4.54	59	64	<10	<10	<10	8	21	<10	100
R2 ALP 87-15		3.19	30	8	<10	<10	<10	6	<5	<10	70
R2 ALP 87-16		3.19	22	45	<10	<10	<10	8	<5	<10	240
R2 ALP 87-17		3.67	27	26	<10	<10	<10	6	<5	<10	130
R2 ALP 87-18		3.86	7	89	99	<10	<10	7	<5	<10	>10000
R2 ALP 87-19		8.86	233	62	<10	<10	<10	<5	<5	<10	950
R2 ALP 87-20		6.19	70	46	<10	<10	<10	<5	<5	<10	240
R2 ALP 87-21		>10.00	42	132	<10	<10	<10	<5	<5	<10	1300
R2 ALP 87-22		>10.00	23	84	<10	<10	<10	<5	<5	<10	600
R2 ALP 87-23		7.85	55	9	<10	<10	<10	<5	13	<10	25
R2 ALP 87-24		5.91	87	6	<10	<10	<10	<5	<5	<10	35
R2 ALP 87-25		6.21	59	<5	<10	<10	<10	<5	<5	<10	<5
R2 ALP 87-26		5.90	91	<5	<10	<10	<10	<5	<5	<10	<5
R2 ALP 87-27		6.63	125	<5	<10	<10	<10	<5	<5	<10	5
R2 ALP 87-28		5.94	61	<5	<10	<10	<10	<5	<5	<10	<5
R2 ALP 87-29		>10.00	47	<5	<10	<10	<10	8	<5	<10	10
R2 ALP 87-JUST FOR SHOW		>10.00	58	284	<10	<10	<10	7	<5	<10	85





SCALE 1:50000



# ALPEER PROJECT

FOR: ACCESS ENTERPRISES LIMITED

BY: ORE LABORATORIES LIMITED

## LOCATION MAP

ALBERNI M.D. B.C.

NTS: 92F/3W

DATE: JULY 1987

DRAWN BY: MJM

FIGURE NO. 1



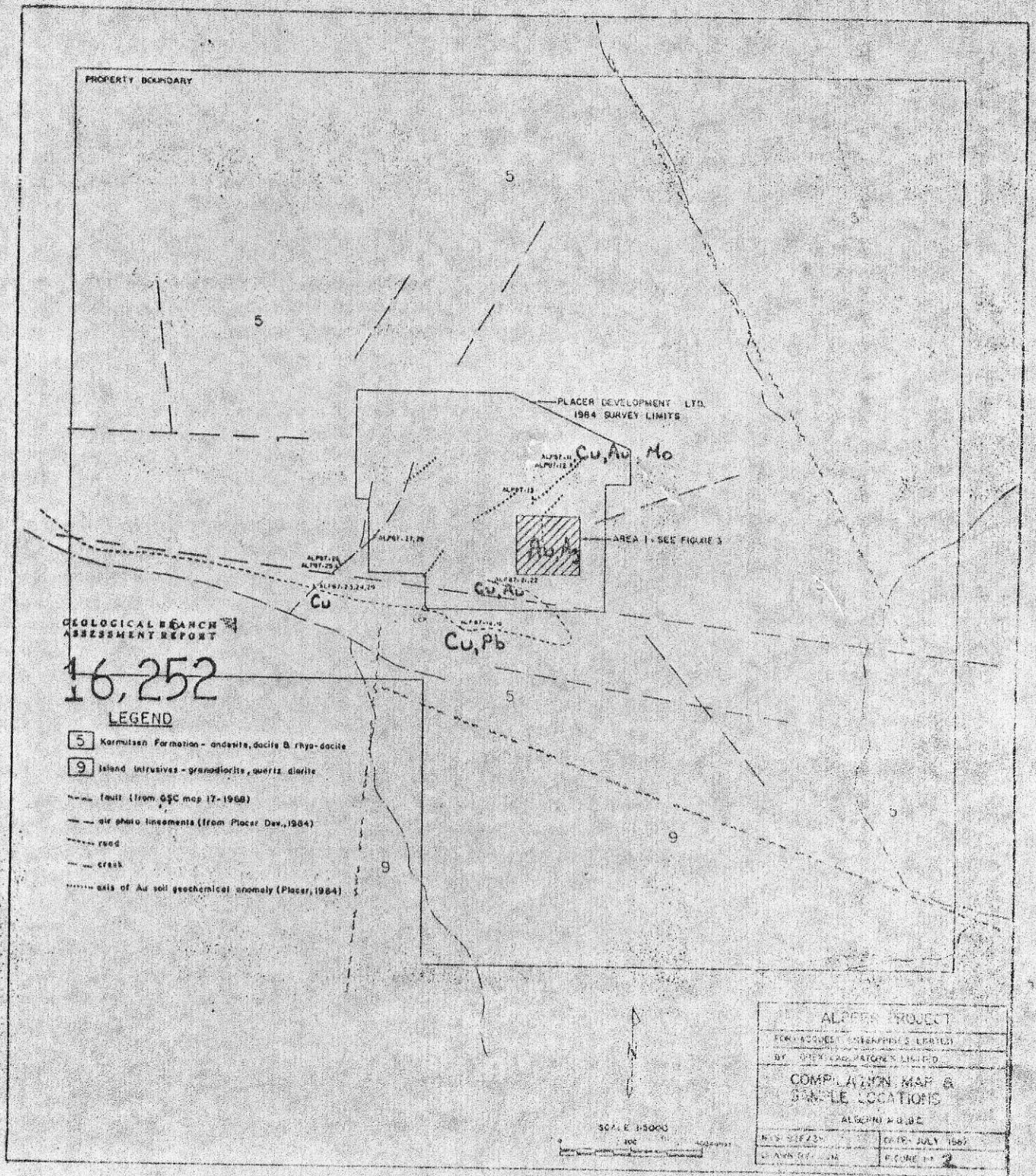
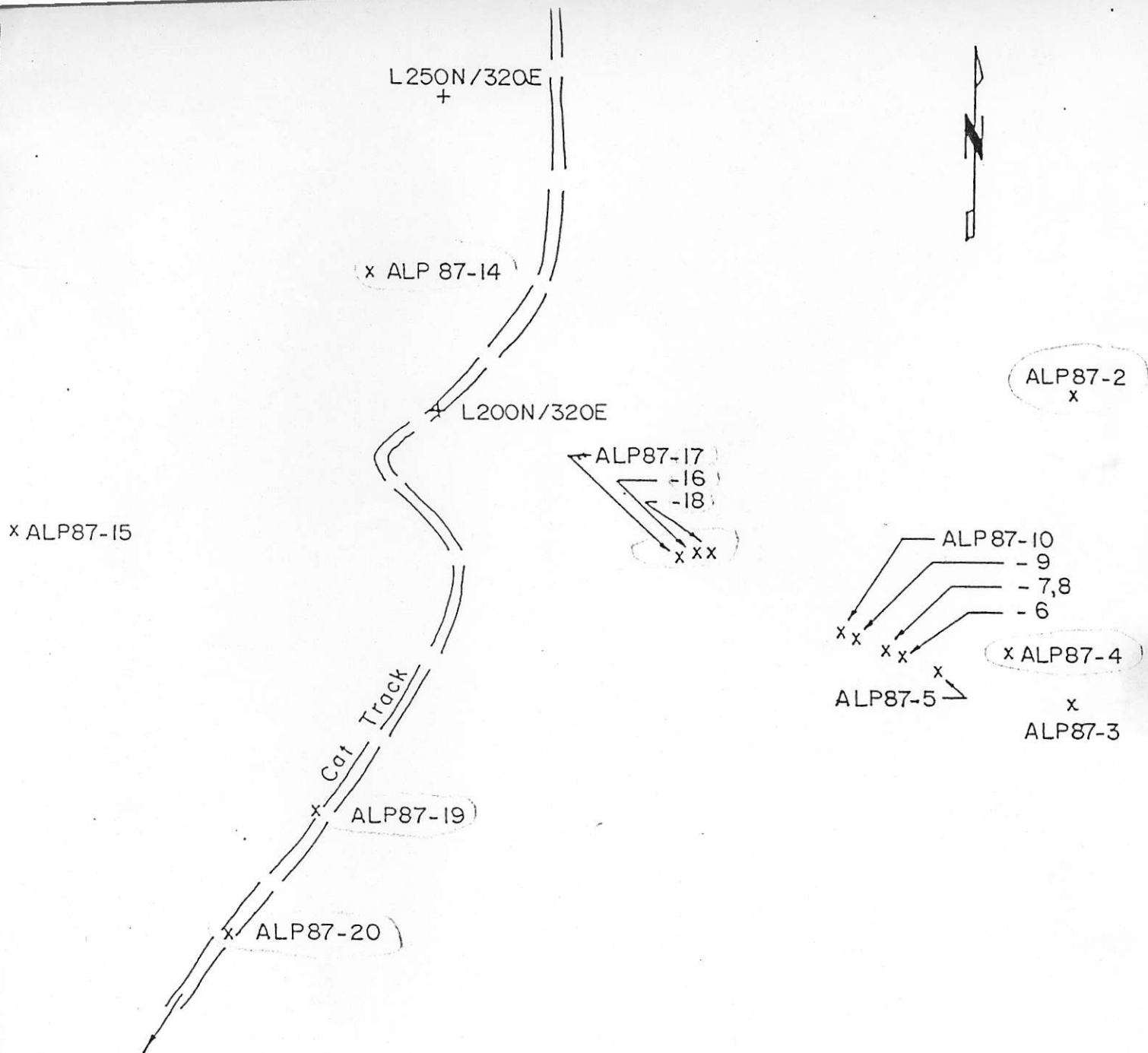
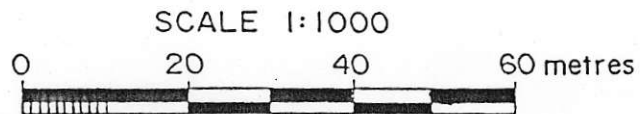


Figure 2



Sample No.	Width	Au (ppb)
ALP - 2	grab	240
3	3 m	10
4	2 m	150
5	2 m	5
6	2 m	15
7	2 m	5
8	grab	50
9	2 m	-5
10	2 m	-5
14	1 m	130
15	2 m	70
16	2 m	220
17	2 m	130
18	2 m	45737
19	2 m	960
20	1.5 m	360



<b>ALPEER PROJECT</b>	
FOR : ACQUEST ENTERPRISES LIMITED	
BY : OREX LABORATORIES LIMITED	
SAMPLE LOCATIONS - AREA Nº 1	
ALBERNI M.D., B.C.	
NTS: 92F/3W	DATE: JULY 1987
DRAWN BY : MJM	FIGURE Nº 3



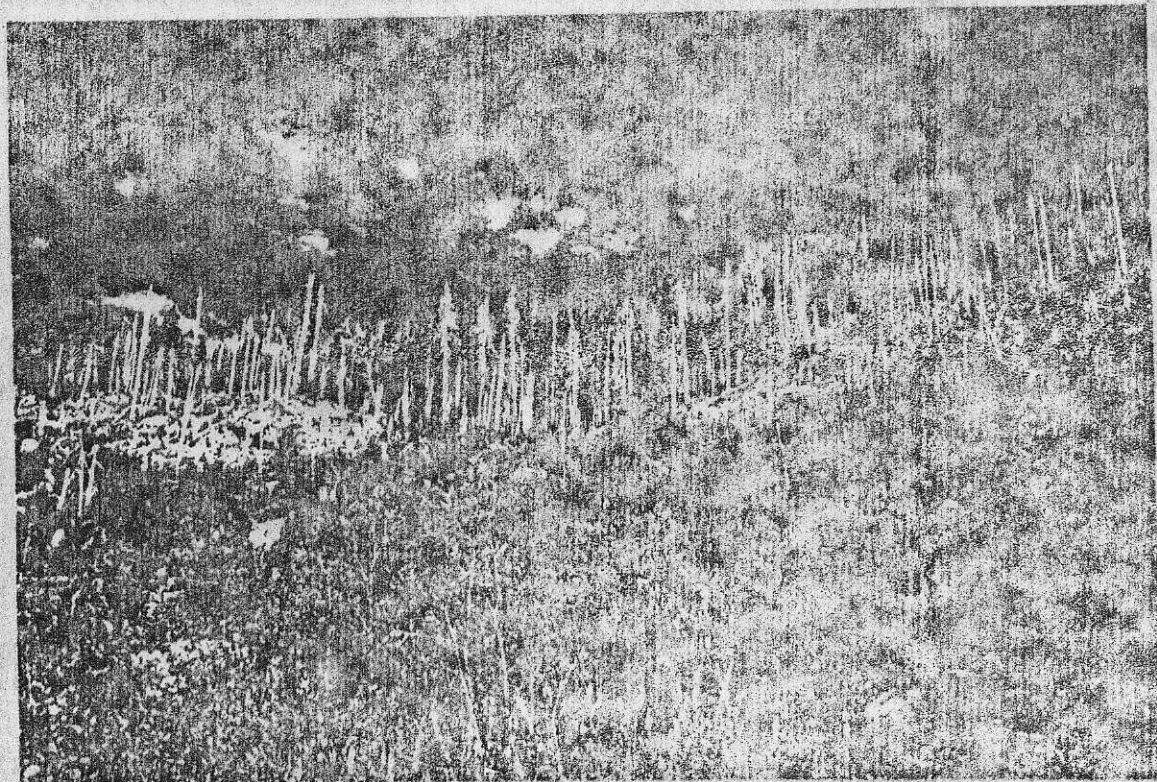


Plate 1: View up northern slope of Cotswold Creek valley at the twin bluffs. Pyroclastic cone tops through center, rusty bluff with carboniferous masses to right, and black lacustrine basalts on far right.

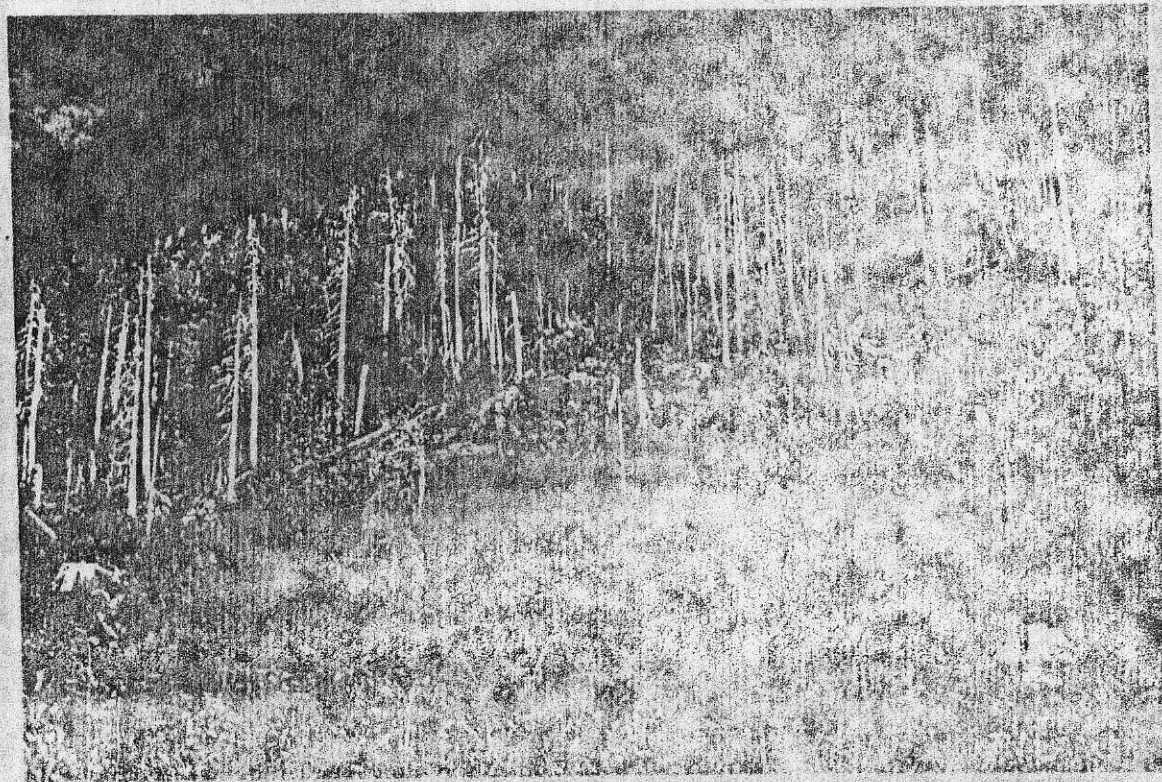


Plate 2: Closer view of rusty bluff and lacustrine basalts. Auriferous pyrite sample site shown by circle.