830829

July 23,1990

C.P.5 and MARION MINERAL CLAIMS
Alberni Mining Division,B.C.
Latitude 49 09' North
Longitude 124 55' West
NTS 92F/2W

Summary and Conclusions

The C.P.5 and MARION claims cover a granitic intrusion hosting a number of parallel 0.2 metre wide fracture zones with quartz and near massive pyrite. A 0.75 metre wide quartz vein with disseminated pyrite and chalcopyrite is similar in appearance to known gold-bearing quartz veins in the same general area.

Limited sampling has yielded no values of interest to date. An additional 3 samples were collected by the writer for geochemical analysis for gold and 31 element ICP analysis. 52 soil samples collected by one of the property owners in the main area of interest should be analysed and it recommended that Equity defray the costs of this work.

Equity's decision regarding the future of the property, if any, should be predicated on analytical results. The potential of the property is dependent on the density of the parallel quartz-sulphide fracture zones.

Introduction

The writer, accompanied by Ed Skoda, carried out an examination of the C.P.5 and MARION claims July 21,1990. Also present were the two property owners, Cliff O'Laney and Paul Saulnier, both of whom work for MacMillan Bloedel and are weekend prospectors with several property interests in the Alberni Inlet area.

Location and Access

The claims are west of Alberni Inlet, 10 km southwest of Port Alberni (Figure 1). Access is by MacMillan Bloedel Cous Creek and Macktush Main roads and spur logging roads to the central part of the property.

N.C. CARTER, Ph.D., P.Eng.
CONSULTING GEOLOGIST

Property

Two Modified Grid mineral claims - C.P.5 and MARION 8 (40 units) and 7 2-post claims (Figure 2) are owned by:

Paul Saulnier
RR 2,Site 222,C-4
Port Alberni,B.C. V9Y 7L6
Telephone: 724-1309

Cliff O'Laney
3274 John Street
Site 201,C-16
Port Alberni,B.C. V9Y 7L6
Telephone: 723-5527

Note - The MARION 8 claim recently lapsed and re-staking is in progress.

Geological Setting and Mineralization

The claims appear to be underlain principally by late Triassic Karmutsen Formation basalts and andesites along the western margin of a Jurassic Island Intrusions dioritic pluton which extends southeasterly from Sproat Lake and across Alberni Inlet (Figure 3).

In the southwest part of the C.P.5 claim, near continuous gossanous exposures in road cuts extend over a north-south direction for more than 1 km and appear to be related to a granitic plug marginal or satellitic to the larger Jurassic pluton. Where seen, this granitic rock is sub-porphyritic, leucocratic and contains finely disseminated pyrite. Dimensions of this granitic body are not known.

A number of parallel fracture zones, trending 280 and dipping steeply south, contain quartz and near massive pyrite stringers. Widths of these fracture zones are 0.2-0.3 metre. A 0.75 metre wide, vuggy quartz vein with disseminated pyrite and chalcopyrite and trending 280 /80 S resembles gold-bearing quartz veins on the Macktush property 5-6 km southeast (Figure 3) which are developed along the Island Intrusions-Karmutsen Formation contact.

Three samples were collected at two of the 1989 sample sites as follows:

Sample No.	Site	Width
20782	1 (CP5-3,'89)	Grabs - 0.2 m wide zone
20783	2 (CP5-5,'89)	0.75 m - quartz vein
20784	3 (" ")	1.0 m - HW of vein

52 soil samples were collected by Paul Saulnier over a 200 by 80 grid (25 metre spaced lines, 20 metre stations) west of the road cut exposing the quartz vein in the southwest part of the C.P.5 claim. These samples require analyses, preferably for gold (fire geochem) and 31 element ICP analysis.

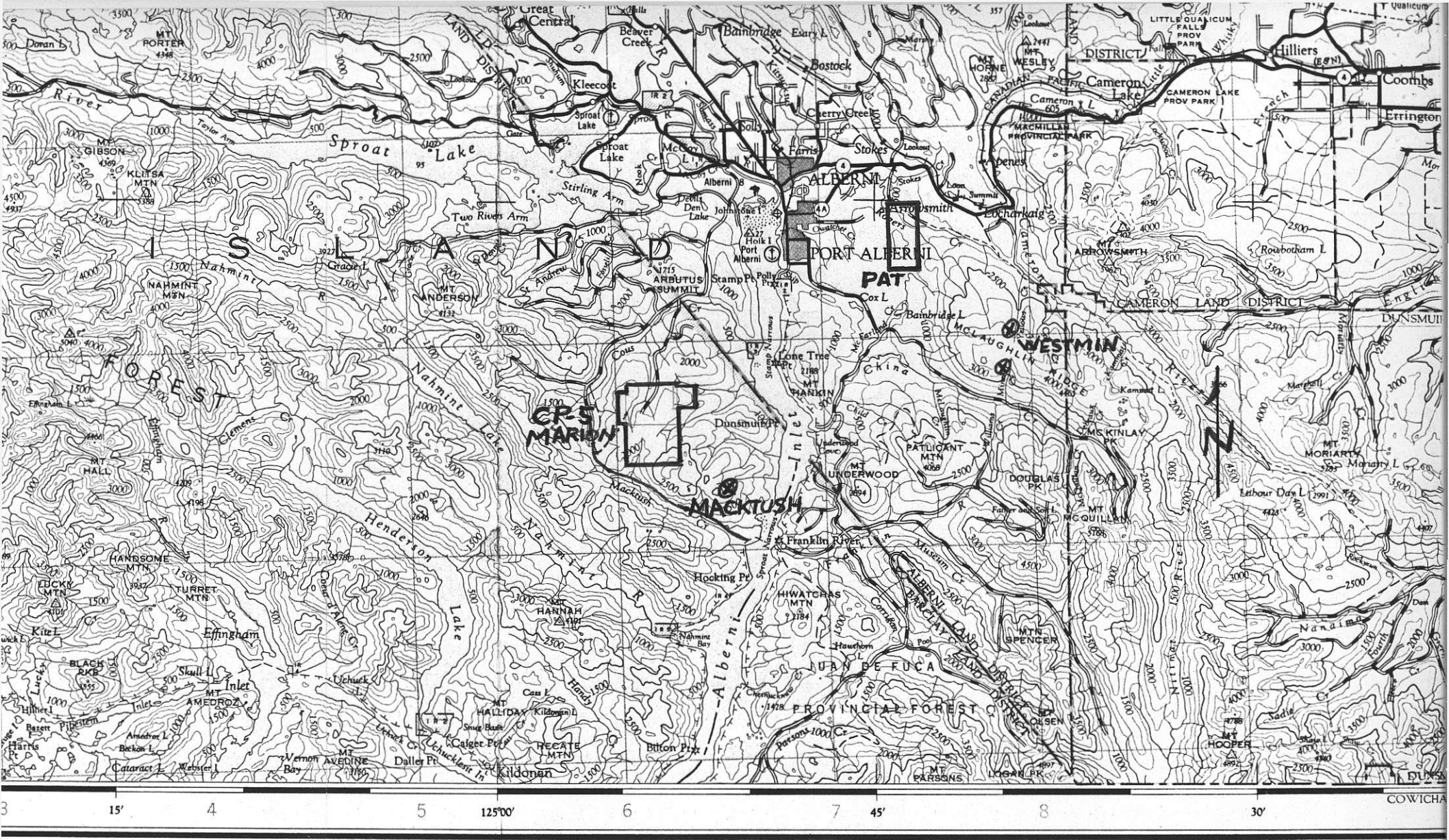


FIGURE 1

ALBERNI

BRITISH COLUMBIA

Scale 1:250,000 Échelle

Miles 5 0 5 10 15 20 Milles

Kilometres 5 0 5 10 15 20 25 30 Kilomètres

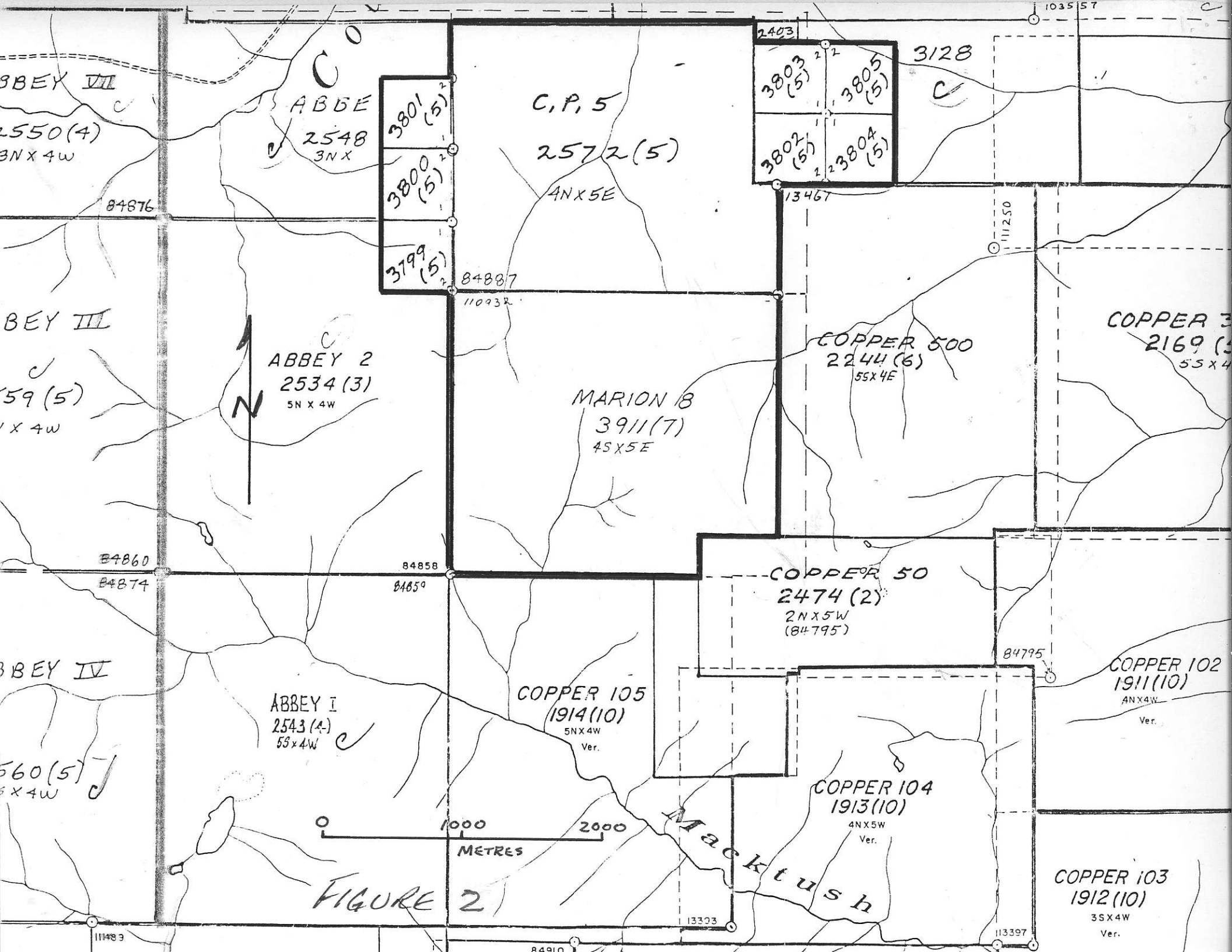
Transverse Mercator Projection

Projection transverse de Mercator

Établie par la **DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE DES TERRES ET FORÊTS (COLOMBIE-BRITANNIQUE),** à partir de levés à grande échelle et de cartes provisoires de 1961-62. Reproduites par le **SERVICE TOPOGRAPHIQUE DE L'ARMÉE (G.R**

La déclinaison magnétique pour 1964 varie de 24°00′ Est au centre de la limite Ouest à 23°40′ Est au centre de la limite Est. Variation moyenne annuelle 2.8′ décroissant.

Town	Ville	□	Stream intermittent or dry	Cours d'eau intermitte
Village or Settlement	Village ou hameau	○	Intermittent lake	Lac intermit
Post Office	Bureau de poste	P	Rapids; falls	Rapides; ch
Church	Église	♁	Marsh or Swamp	Marais ou m


ABBEY VII
2550(4)
3NX4W
ABBE
2548
3NX
3801 (5)
3800 (5)
3799 (5)
C, P, 5
2572(5)
4NX5E
2403
3803 (5)
3805 (5)
3802 (5)
3804 (5)
3128
84876
84887
110938
13467
111250
103557
ABBEY III
59 (5)
X4W
ABBEY 2
2534 (3)
5N X 4W
MARION 18
3911(7)
4SX5E
COPPER 500
2244 (6)
5SX4E
COPPER 3
2169 (
5SX4
84860
84874
84858
84859
COPPER 50
2474 (2)
2NX5W
(84795)
84795
ABBEY IV
560(5)
X4W
ABBEY I
2543 (4)
5SX4W
COPPER 105
1914(10)
5NX4W
Ver.
COPPER 102
1911(10)
4NX4W
Ver.
COPPER 104
1913(10)
4NX5W
Ver.
0
1000
2000
METRES
Mactush
COPPER 103
1912(10)
3SX4W
Ver.
FIGURE 2
111489
13303
113397
84910


PORT ALBERNI
Hohm Island
Katharine Pt
Sawmill
Polly Point
Alberni IR 2
Stamp Point
Arbutus Summit BK 477
BK 641
BK 680
ALBERNI LAND DISTRICT
CLAYOQUOT LAND DISTRICT
Cous IR 3
Stamp Narrows
Lone Tree Point
Cous Creek
782 TL 1287
837 TL 10874
838 TL 10875
876 TL 3651
874 TL 3649
875 TL 3650
846 TL 10810
550 TL 9554
549 TL 9542
548 TL 9541
547 TL 9540
546 TL 9539
544 TL 9553
545 TL 9538
871 TL 6880
872 TL 6881
873 TL 6882
JURASSIC DIORITE
C.P. 5
GRANITE PLUG?
MARION
KARMUTSEN BASALT
TREE FARM LICENCE 21 BK 1
MACKTUSH QTZ VEINS
Macktush Creek
0 1 2 km
FIGURE 3
FOREST
VANCOUVER
LAYOQUOT
INLET

PS - Schiefer

TrK - Kammkies, a, b.

Jq - Ab Qd.

Jqe - Bq qd., qv.

August 21,1990

C.P.5 and MARION MINERAL CLAIMS
Alberni Mining Division, B.C.

ADDENDUM - SAMPLE RESULTS

Results of rock and soil samples, referred to in my letter report of July 23,1990, are now in hand.

Only one rock sample (#2), collected from a quartz vein, showed any values of consequence - 3987 ppm (0.40%) copper. Gold values (fire geochem) were virtually non-existent - 1 and 2 ppb.

Locations of soil samples are shown on the attached diagrams. The soil grid is above and west of the quartz vein from which rock samples 1 and 2 were collected.

Gold values above 10 ppb are spotty - highest value was 26 ppb. Background copper values are relatively high with the highest value being 528 ppm. Copper values of +100 ppm are plotted and these are not always coincident with +10 ppb gold values.

Background silver values are also relatively high, otherwise there appears to be little of interest on the grid. Locations of soil samples 51-59 are not known.

Based on these results, my advice to the owners would be to reduce the size of the claim holdings by allowing the MARION claim to lapse and retaining only the western 8 units of the C.P.5 claim and the adjacent three 2-post claims.

N.C. CARTER, Ph.D., P.Eng.
CONSULTING GEOLOGIST

COMP: EQUITY SILVER MINES LTD.
PROJ:
ATTN: N.CARTER/R.HEARD

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1033-SJ1+2
DATE: 90/08/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
1	.1	29480	1	5	21	.1	1	1230	.1	14	57	72600	300	5	5160	119	1	60	1	390	20	1	1	1	1	181.5	16	1	1	1	1	2
2	.8	22740	1	4	7	.1	4	1850	.1	13	29	62350	200	4	2730	94	1	60	1	380	19	1	1	1	1	216.6	11	1	1	1	1	5
3	2.2	35910	1	8	1	.1	6	2150	.1	32	196	136360	190	7	8370	128	1	60	1	980	32	1	3	1	1	312.2	3	1	1	1	1	2
4	2.9	17540	1	6	5	.1	11	3990	.1	21	46	92410	340	3	2760	159	1	190	1	630	24	1	1	1	1	311.8	10	1	1	2	1	1
5	1.1	27750	1	8	8	.1	3	1190	.1	41	320	133050	280	6	3050	64	1	40	1	1100	30	1	1	1	1	289.1	4	1	1	1	1	3
6	1.5	40740	1	6	18	.1	6	3680	.1	20	139	67770	340	11	6730	220	1	80	1	800	27	1	2	1	1	196.3	27	1	1	2	14	4
7	1.9	23790	1	5	8	.1	7	2880	.1	18	66	76380	220	6	3250	216	1	60	1	790	24	1	1	1	1	240.0	14	1	1	1	1	1
8	2.9	26020	1	5	10	.1	9	1710	.1	21	177	72950	300	8	3490	189	1	410	1	1100	23	1	1	1	1	239.8	17	1	1	1	1	16
9	2.0	31620	1	5	8	.1	6	3470	.1	17	87	72310	210	10	4630	182	1	100	1	700	22	1	1	1	1	242.7	21	1	1	2	11	2
10	1.5	43170	1	6	12	.1	5	2360	.1	16	121	70930	230	8	4580	221	1	60	1	800	20	1	1	1	1	235.3	23	1	1	2	20	1
11	2.0	19010	1	4	7	.1	7	2640	.1	16	42	74470	190	2	2080	179	1	60	1	710	21	1	1	1	1	306.3	9	1	1	3	1	3
12	.4	35990	1	6	11	.1	1	1820	.1	17	190	69900	210	10	4310	183	1	50	1	700	26	1	1	1	1	253.4	18	1	1	1	4	2
13	1.8	52970	1	8	12	.1	6	3520	.1	25	173	80490	290	10	9170	282	1	70	1	620	35	1	1	1	1	203.9	23	1	1	2	24	4
14	.6	22750	1	4	17	.1	2	1550	.1	10	44	38380	370	2	2560	153	1	50	1	470	20	1	1	1	1	171.0	10	2	1	1	1	1
15	2.1	55340	1	7	12	.1	9	3100	.1	24	159	80370	320	10	5280	259	1	70	1	1000	32	1	1	1	1	230.5	21	1	1	1	1	2
16	2.6	29260	1	8	3	.1	9	3770	.1	29	185	115690	210	5	3710	120	1	60	1	1360	36	1	4	1	1	257.4	7	1	1	1	1	18
17	1.4	50270	1	7	20	.1	5	4170	.1	20	153	68150	360	10	9050	305	1	80	1	640	27	1	2	1	1	176.0	25	1	1	1	22	4
18	1.7	21130	1	5	8	.1	6	1920	.1	14	29	77730	190	2	2920	55	1	40	1	470	25	1	1	1	1	238.4	4	3	1	1	1	17
19	1.9	15060	1	5	2	.1	7	2360	.1	20	29	91320	180	1	1710	78	1	40	1	420	26	1	1	1	1	298.8	3	1	1	2	1	1
20	.4	36350	1	10	20	.1	2	5820	.1	123	268	127250	340	5	9280	1554	1	50	14	1050	29	1	7	1	1	170.0	22	1	1	1	1	2
22	2.0	24320	1	6	16	.1	7	2960	.1	22	71	88240	230	2	3800	114	1	50	1	460	19	1	1	1	1	272.7	4	1	1	1	1	1
23	1.3	16360	1	2	8	.1	6	1880	.1	14	23	48980	180	2	2470	99	1	50	1	240	18	1	1	1	1	214.4	6	2	1	2	19	1
24	1.8	32540	1	6	5	.1	6	2740	.1	19	98	85520	190	6	3410	92	1	50	1	730	21	1	1	1	1	243.2	10	1	1	1	1	3
25	1.7	56080	1	9	6	.1	7	2780	.1	48	528	117460	370	11	21670	905	1	40	8	1240	42	1	4	1	1	249.3	57	1	1	1	5	1
26	2.6	14190	1	5	3	.1	9	1860	.1	26	76	85250	240	2	1470	137	1	40	1	550	20	1	1	1	1	367.8	3	1	1	2	1	2
27	.9	39150	1	7	9	.1	4	2590	.1	25	130	81590	340	9	11660	951	1	30	1	1240	29	1	1	1	1	194.5	34	1	1	1	1	4
28	1.1	37580	1	5	16	.1	5	3210	.1	17	89	58280	230	10	5470	187	1	80	1	480	22	1	1	1	1	185.0	22	1	1	1	22	26
29	.7	65730	1	9	18	.1	3	2810	.1	28	194	77970	330	16	12460	328	1	60	15	860	32	1	1	1	1	195.6	43	1	1	2	55	1
30	1.8	32450	1	5	12	.1	7	3630	.1	19	86	68160	300	6	5330	259	1	70	1	710	28	1	1	1	1	238.2	20	1	1	2	15	3
31	1.8	46340	1	7	12	.1	7	3150	.1	22	141	86330	270	11	6870	234	1	70	1	840	31	1	1	1	1	256.0	21	1	1	2	32	3
32	.1	31300	1	5	16	.1	1	600	.1	27	90	75250	280	7	5990	254	1	50	1	760	18	1	1	1	1	240.3	22	1	1	1	1	6
33	1.3	60780	1	8	18	.1	6	3400	.1	20	117	71820	320	12	6740	247	1	80	1	550	25	1	1	1	1	192.1	29	1	1	2	32	11
34	1.0	44980	1	7	66	.1	5	7970	.1	68	155	58620	350	19	8080	5060	1	90	158	730	26	1	2	1	1	123.7	62	1	1	1	19	1
35	1.5	19330	1	4	10	.1	7	2290	.1	16	37	66850	230	3	2410	134	1	60	1	340	19	1	1	1	1	276.7	7	1	1	2	5	2
36	1.3	34400	1	7	12	.1	7	2330	.1	29	110	108670	290	9	5420	181	1	60	1	630	25	1	1	1	1	286.3	15	1	1	3	28	14
37	1.4	43450	1	6	9	.1	6	2770	.1	21	133	82290	220	8	5010	161	1	60	1	620	24	1	1	1	1	221.4	13	1	1	2	14	1
38	1.4	56550	1	8	14	.1	7	4220	.1	27	214	94280	240	7	9490	271	1	70	1	770	30	1	1	1	1	182.5	14	1	1	1	15	1
39	1.7	19620	1	4	6	.1	7	2150	.1	21	50	80820	160	4	3350	122	1	40	1	410	19	1	1	1	1	304.3	5	1	1	3	11	1
40	1.5	35180	1	6	9	.1	6	4150	.1	23	82	96670	210	5	7400	176	1	50	1	660	30	1	1	1	1	245.4	7	1	1	1	17	3
41	.6	63280	1	6	16	.1	3	3110	.1	76	122	31810	270	4	1790	621	1	1210	5	730	37	1	1	1	1	49.3	10	1	1	1	9	1
42	1.4	40890	1	7	10	.1	6	3870	.1	22	116	106840	290	6	8920	216	1	80	1	910	26	1	1	1	1	198.3	15	1	1	1	23	5
43	1.7	21760	1	5	8	.1	7	2460	.1	19	61	89960	190	4	3090	110	1	60	1	570	21	1	1	1	1	280.5	5	1	1	1	1	1
44	1.6	44880	1	7	16	.1	7	3940	.1	22	93	83710	290	11	6190	223	1	80	1	520	25	1	1	1	1	236.3	19	1	1	3	27	1
45	1.1	42970	1	6	45	.1	6	7960	.1	78	164	45860	330	9	7740	2822	1	120	56	550	24	1	1	1	1	120.1	54	1	1	1	19	2
46	.8	22060	1	6	8	.1	4	1990	.1	28	82	99320	290	4	3910	151	1	40	1	530	22	1	1	1	1	270.3	7	1	1	1	11	1
47	1.2	56280	1	7	18	.1	6	3340	.1	20	90	68930	270	12	7590	248	1	70	1	500	23	1	1	1	1	189.8	25	1	1	2	43	3
48	1.6	53450	1	8	6	.1	6	4560	.1	41	261	95790	170	7	22790	697	1	40	26	670	34	1	7	1	1	247.1	27	1	1	4	85	9
49	1.6	26350	1	6	7	.1	7	2710	.1	22	56	93130	210	5	4490	123	1	50	1	610	20	1	1	1	1	276.5	9	2	1	2	11	4
50	1.4	23890	1	4	12	.1	6	2210	.1	17	45	63550	160	4	2450	130	1	60	1	430	21	1	1	1	1	256.7	6	1	1	2	15	1
51	2.0	56350	1	7	17	.1	7	4180	.1	22	197	68080	250	10	9000	288	1	100	1	620	26	1	1	1	1	189.5	22	1	1	2	29	1
52	1.1	38330	1	5	16	.1	5	3380	.1	20	153	60540	270	12	5600	202	1	70	1	590	20	1	1	1	1	179.5	32	1	1	1	11	1
53	.6	4640	1	14	83	.1	1	1550	.1	42	187	204190	340	2	2100	6723	1	10	24	600	38	2	1	1	1	481.7	140	1	1	1	1	1
54	2.3	41240	1	6	19	.1	9	6280	.1	27	100	66530	270	11	5760	407	1	90	7	560	26	1	1	1	1	221.0	34	1	1	2	24	1
55	3.2	36830	1	7	25	.1	12	6470	.1	28	70	85480	260	14	4900	349	1	90	1	860	22	1	1	1	1	280.2	76	1	1	3	24	3
56	2.5	32450	1	6	27	.1	9	9720	.1	27	86	60690	310	10	8170	924	1	120	16	630	23	1	1	1	1	188.7	63	1	1	2	21	1

COMP: EQUITY SILVER MINES LTD.
PROJ:
ATTN: N.CARTER/R.HEARD

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1033-RJ1
DATE: 90/08/09
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
57	.5	8870	15	3	31	.1	1	5400	.1	5	34	13460	1040	2	4920	375	1	160	7	70	22	1	1	1	1	35.8	16	2	1	2	256	19
58	1.7	9140	64	10	16	.1	2	69640	.1	23	162	54010	620	22	21090	1143	1	50	23	590	15	27	59	1	1	151.8	53	1	1	1	49	2
59	1.3	6970	104	10	25	.1	1	56020	.1	30	158	48190	880	34	24300	869	1	40	44	380	17	32	20	1	1	137.4	49	1	1	1	31	6

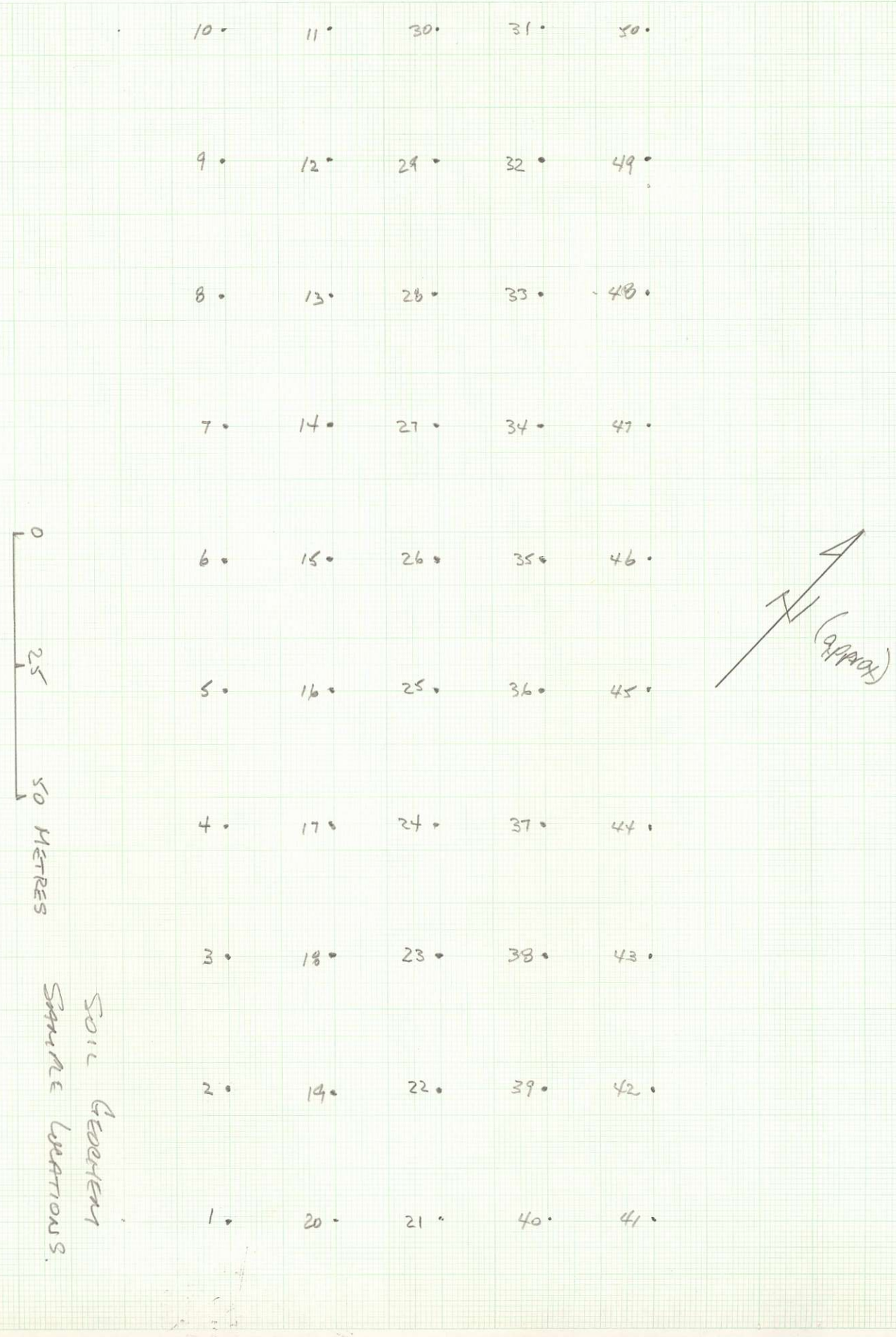
COMP: N.C. CARTER
PROJ:
ATTN: N.C.CARTER

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-0999-RJ1
DATE: 90/07/28
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
20782	.2	10240	1	8	37	.1	5	1500	.1	301	146	176130	1190	2	8230	103	1	60	1	90	7	1	1	1	1	50.5	7	1	1	1	25	1
20783	.4	10050	1	3	9	.1	1	1130	.1	115	3987	99530	230	2	8150	231	1	30	1	80	14	1	1	1	1	34.3	17	1	1	2	77	2
20784	.6	21820	3	5	28	.1	5	1480	.1	73	216	85100	1190	5	16340	551	1	50	2	240	11	1	1	1	1	92.9	37	1	1	3	89	1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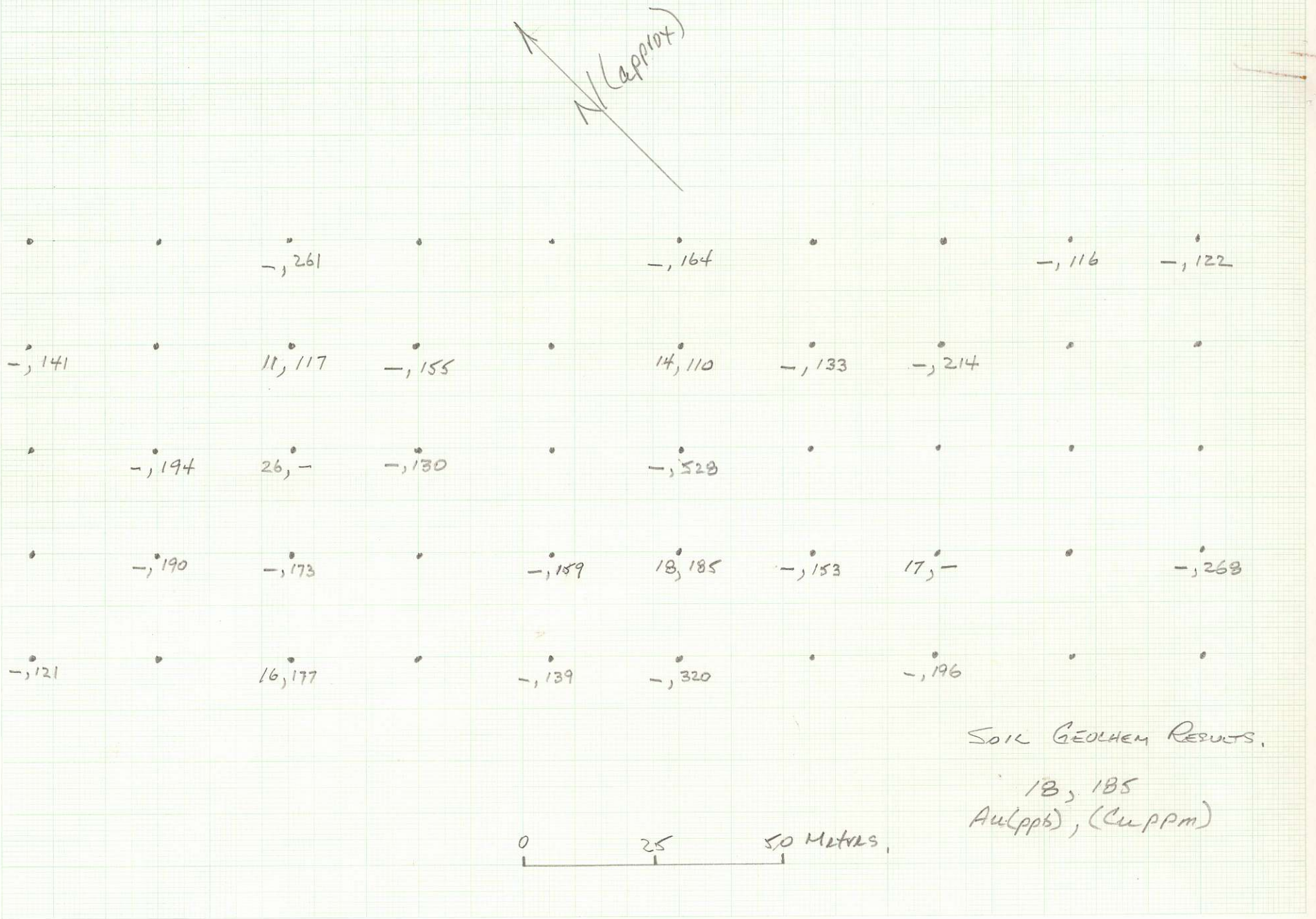
50 METRES
N (approx)
SOIL GEOCHEM SAMPLE LOCATIONS.



SOIL GEOCHEM RESULTS.

18, 185
Au(ppb), (CuPPM)