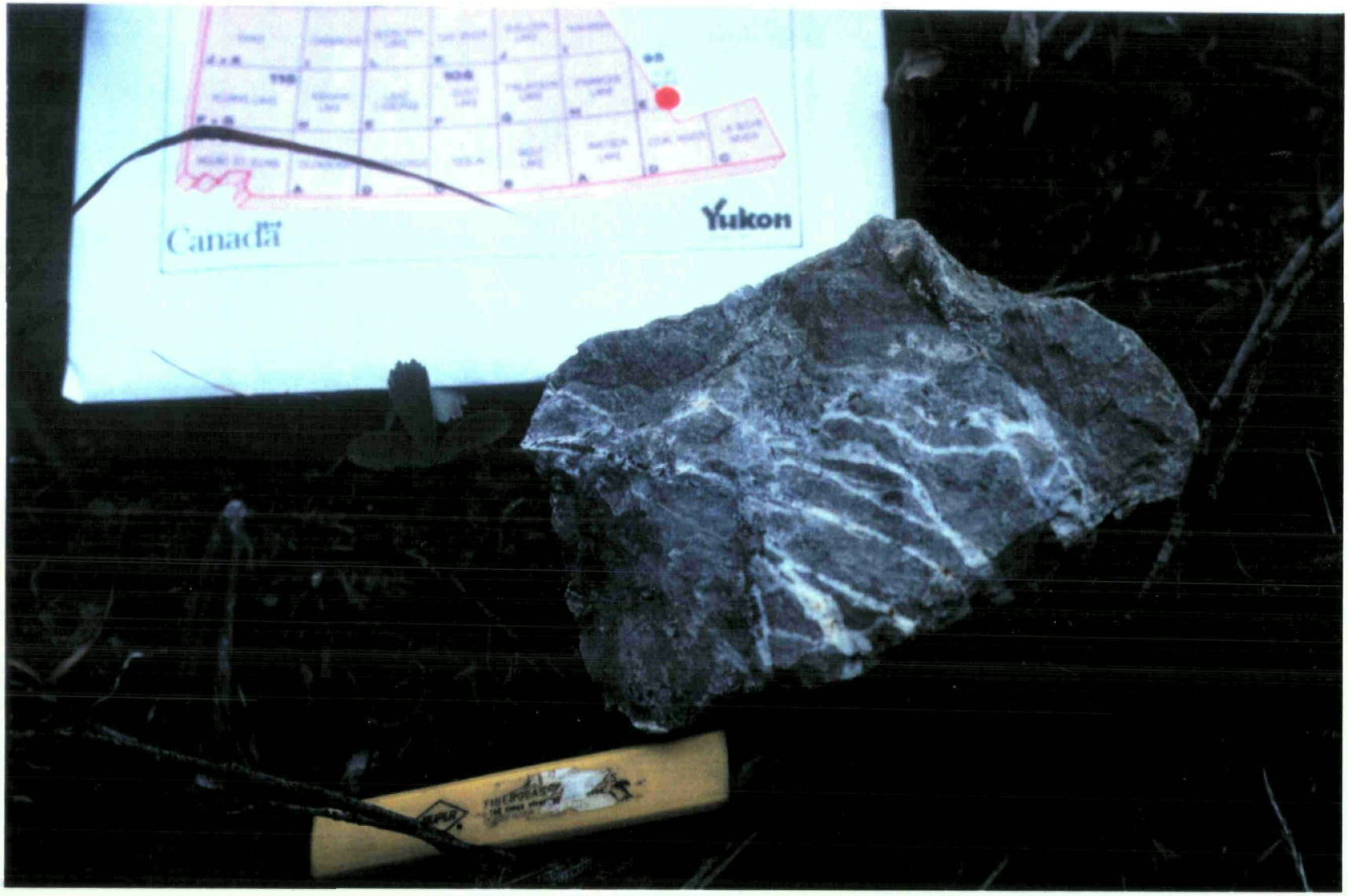
YUKON PROSPECTING 1992

TOOBALLY/BEAVERCROW AREA

by C. TURNER

SAMPLE # SR-A-B
QUARTZ VEIN IN BLACK SHALE
SEE MAP 95C-4



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INTRODUCTION

This technical report is submitted to the Government of Yukon Territory to fulfil the requirementsof an agreement dated April 8, 1992 under a Yukon Mining Incentives Program Project number 92-126 Grassroots Prospecting, Smith River etc.

The information contained in this report is submitted for this purpose only and is to remain confidential for a period of five years when I agree it can become public information.

Objective of work

To perform a geophysical, geological and geochemical survey in the Toobally/Beavercrow area to search for new mineral deposits. Transverses to be completed would be on an existing trail access basis with random soil and rock outcrop samples taken of large similar formations only. Samples to be analysed for gold, silver, copper, lead and zinc.

This area was chosen mainly because of the limited geochemical information available. There was no regional stream sediment and water geochemical data for this area. The geological map in Appendix #1 indicates that the Kechika Trough of the Selwyn Basin is to the north and west of the subject area and that most of the prospected area would be part of the interior platform.

Although this area is adjoined by rich deposits at Cantung and Watson Lake, there have been relatively few claims filed in the Toobally/Beaver Crow area, probably as a result of lack of exploration. Aerial reconnaissance also indicated that the Selwyn Basin and MacKenzie Platform of this area show similar surface geological features.

PROSPECTING AREA

Description of Traverse

Aerial reconnaissance was begun on April 20th 1992 operating from Liard River Hot Springs. Trails were located in the Smith River, Toobally Lake, Crow River, Beaver River, Larsen Creek, Mooney Creek, and Beavercrow Ridge. The only usable airport in this area at the time was at La Biche.

The area was next visited on July 12th by driving to Smith River/Crooked Lake. The Toobally area was accessed by ATV from Crooked Lake. The Beavercrow Ridge area was accessed by aircraft utilizing the abandoned Shell gaswell airstrip.

Field note summary:

April 17th	Travel Whitehorse Watson Lake
April 18th	Watson Lake, travel Watson Lake Smith R
April 19th	Liard area, Hot Springs
April 20th	*1 Cessna 337 aircraft to La Biche, Pointed Mountain, Beavercrow, Toobally and return Liard River airport
April 21st	*1 Shell gaswell strip, too much snow
April 22nd	*2 Travel Smith River to Whitehorse
July 12th	Travel to Smith River
July 13th	*2 Smith River to Toobally

July 14th	*2 Beavercrow trails
July 15th	*2 Larsen Lake area
July 16th	*2 Toobally and east map 95D-1
July 17th	*2 95D-1 and D-2 Burn area (5 samples)
July 18th	*3 Travel with aircraft to Beavercrow (5 samples)
July 19th	*3 Lootz Lake, Spruce Lake area (2 samples)
July 20th	*3 Field work in Shell gaswell area
July 21st	*3 Upper Beaver Valley aircraft
July 22nd	To Prince George and return, re: supplies
July 23rd	*2 moved to Crooked Lake, Siwash Valley
July 24th	*2 ATV trails, 95D-1 & 95D-8, (4 samples)
July 25th	*2 Bridge repairs
July 26th	*2 3 Samples, 95D-1 and Rabbit River
July 27th	*2 Travel to Whitehorse
July 28th	Re: lab work and maps
July 29th	Travel to Watson Lake

* = Man days field work

Field Description of Samples

SR-A-4	Sedimentary white rock & pyrite
SR-A-B	White Quartz vein in black shale (title page photo)
SR-A-5	Gossan stained sandy soil
SR-A-6	Black Shale outcrop
SR-A-7	Scree at old land slide
SR-A-8	Creek Sediment
SR-A-9	Gossan/sand
SR-A-10	Creek sediment
SR-A-11	Freshet sediment
SR-A-12	Shale
SR-A-13	Soil
SR-A-14	Sand flats - Gossan stain
SR-A-15	Sand
TB-A-1	Red Sand
TB-A-2	Soil
TB-A-3	Soil
TB-A-4	Shale
TB-A-5	Shale outcrop & rusty stain

Field Description of Samples Cont'd

CT -B- 1	Red Sand
CTc-8-S	Soil
CT-9-S	Black shale & rust stain
CT-10-R	Black-good cleavage-rust stains
CT-11-S	Sand
CT-12-R	Rock
CT-13-S	Red stain, sand
CT-14-S	Red sand
CT-15-S	Sediment
CT-16-R	Blue/grey rock
CT-17-R	Rusty shale
CT-18-R	Mica? grey & rust stain
CT-19-R	Barite?
CT-20-R	Bluish grey rusty rock
CT-21-R	Bluish grey rusty rock
CT-22-S	Red sand
CT-23-S	Sink hole soil
CT-24-S	Soil
CT-25-R	Jade color Asbestos? orange gossan
CT-26-R	Jade color Asbestos? orange gossan

Northern Analytical Laboratories ltd.

27-Aug-92 date

Assay Certificate

Cliff Turner

WO#13661

Sample #	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
SR-A-15	27	<0.1	8	11	37
CT-11-S	18	<0.1	18	21	85
CT-13-S	13	<0.1	8	20	55
CT-14-S	57	<0.1	5	19	50
CT-22-S	23	<0.1	28	22	84
CT-23-S	394	<0.1	11	25	41
CT-24-S	18	<0.1	25	25	68
CT-B-1	17	<0.1	18	25	133
CT-C-8-S	42	<0.1	20	23	131
TB-A-2	25	<0.1	13	12	86
TB-A-1	23	<0.1	12	18	38
TB-A-3	52	<0.1	30	28	93
TB-A-4	57	<0.1	18	13	78
TB-A-5	403	<0.1	73	51	200
SR-A6	40	<0.1	21	25	89
SR-A7	15	<0.1	18	13	79
SR-A8	39	<0.1	15	12	96
SR-A9	21	<0.1	19	30	91
SR-A5	176	<0.1	10	11	42
SR-A11	24	<0.1	34	23	115
SR-A10	16	<0.1	32	24	273
SR-A14	17	<0.1	7	12	41
SR-A13	23	<0.1	12	12	39
SR-A12	17	<0.1	4	6	13
CT-10-R	39	<0.1	24	8	109
CT-17-R	50	<0.1	307	55	>10000
CT-18-R	8	<0.1	35	21	51
CT-19-R	10	<0.1	7	8	66
SR-A4	6	<0.1	23	13	94
CT-12-R	22	<0.1	21	23	830
CT-25-R	575	<0.1	10	10	260
CT-26-R	66	<0.1	8	22	219
CT-9-S	94	<0.1	30	15	137
CT-16-R	32	<0.1	80	3	82
SR-A11	40	<0.1	8	12	71
CT-21-R	10	<0.1	39	30	145
SR-A/B	11	<0.1	10	7	30
CT-20-R	8	<0.1	30	12	80

Certified by

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

PROSPECTING 1992 -ASSAY RESULTS

SAMPLE NUMBER	GOLD ppb	COPPER ppm	LEAD ppm	ZINC ppm
CT-09-S	94	30	15	137
CT-10-R	39	24	8	109
CT-11-S	18	18	21	85
CT-12-R	22	21	23	830
CT-13-S	13	8	20	55
CT-14-S	57	5	19	50
CT-16-R	32	80	3	82
CT-17-R	50	307	55	>10,000
CT-18-R	8	35	21	51
CT-19-R	10	7	8	66
CT-20-R	8	30	12	80
CT-21-R	10	39	30	145
CT-22-S	23	28	22	84
CT-23-S	394	11	25	41
CT-24-S	18	25	25	68
CT-25-R	575	10	10	260
CT-26-R	66	8	22	219
CT-B-1	17	18	25	133
CT-C-8-S	42	20	23	131
SR-A-04	6	23	13	94
SR-A-05	176	10	11	42
SR-A-06	40	21	25	89
SR-A-07	15	18	13	79
SR-A-08	39	15	12	96
SR-A-09	21	19	30	91
SR-A-10	16	32	24	273
SR-A-11	24	34	23	115
SR-A-11	40	8	12	71
SR-A-12	17	4	6	13
SR-A-13	23	12	12	39
SR-A-14	17	7	12	41
SR-A-15	27	8	11	37
SR-A-B	11	10	7	30
TB-A-1	23	12	18	38
TB-A-2	25	13	12	86
TB-A-3	52	30	28	93
TB-A-4	57	18	13	78
TB-A-5	403	73	51	200
AVERAGE	66.526316	28.710526	18.947368	111.34211
S.T.D.	120.53428	48.458288	10.669552	132.81928

PROSPECTING 1992 -ASSAY RESULTS
GOLD Database

SAMPLE NUMBER	GOLD ppb	COPPER ppm	LEAD ppm	ZINC ppm
CT-25-R	575	10	10	260
TB-A-5	403	73	51	200
CT-23-S	394	11	25	41
SR-A-05	176	10	11	42
CT-09-S	94	30	15	137
CT-26-R	66	8	22	219
CT-14-S	57	5	19	50
TB-A-4	57	18	13	78
TB-A-3	52	30	28	93
CT-17-R	50	307	55	>10,000
CT-C-8-S	42	20	23	131
SR-A-06	40	21	25	89
SR-A-11	40	8	12	71
CT-10-R	39	24	8	109
SR-A-08	39	15	12	96
CT-16-R	32	80	3	82
SR-A-15	27	8	11	37
TB-A-2	25	13	12	86
SR-A-11	24	34	23	115
CT-22-S	23	28	22	84
SR-A-13	23	12	12	39
TB-A-1	23	12	18	38
CT-12-R	22	21	23	830
SR-A-09	21	19	30	91
CT-11-S	18	18	21	85
CT-24-S	18	25	25	68
CT-B-1	17	18	25	133
SR-A-12	17	4	6	13
SR-A-14	17	7	12	41
SR-A-10	16	32	24	273
SR-A-07	15	18	13	79
CT-13-S	13	8	20	55
SR-A-B	11	10	7	30
CT-19-R	10	7	8	66
CT-21-R	10	39	30	145
CT-18-R	8	35	21	51
CT-20-R	8	30	12	80
SR-A-04	6	23	13	94
AVERAGE	66.526316	28.710526	18.947368	111.34211
S.T.D.	120.53428	48.458288	10.669552	132.81928

PROSPECTING 1992 -ASSAY RESULTS

COPPER Database

SAMPLE NUMBER	GOLD ppb	COPPER ppm	LEAD ppm	ZINC ppm
CT-17-R	50	307	55	>10,000
CT-16-R	32	80	3	82
TB-A-5	403	73	51	200
CT-21-R	10	39	30	145
CT-18-R	8	35	21	51
SR-A-11	24	34	23	115
SR-A-10	16	32	24	273
CT-09-S	94	30	15	137
TB-A-3	52	30	28	93
CT-20-R	8	30	12	80
CT-22-S	23	28	22	84
CT-24-S	18	25	25	68
CT-10-R	39	24	8	109
SR-A-04	6	23	13	94
SR-A-06	40	21	25	89
CT-12-R	22	21	23	830
CT-C-8-S	42	20	23	131
SR-A-09	21	19	30	91
TB-A-4	57	18	13	78
CT-11-S	18	18	21	85
CT-B-1	17	18	25	133
SR-A-07	15	18	13	79
SR-A-08	39	15	12	96
TB-A-2	25	13	12	86
SR-A-13	23	12	12	39
TB-A-1	23	12	18	38
CT-23-S	394	11	25	41
CT-25-R	575	10	10	260
SR-A-05	176	10	11	42
SR-A-B	11	10	7	30
CT-26-R	66	8	22	219
SR-A-11	40	8	12	71
SR-A-15	27	8	11	37
CT-13-S	13	8	20	55
SR-A-14	17	7	12	41
CT-19-R	10	7	8	66
CT-14-S	57	5	19	50
SR-A-12	17	4	6	13
AVERAGE	66.526316	28.710526	18.947368	111.34211
S.T.D.	120.53428	48.458288	10.669552	132.81928

PROSPECTING 1992 -ASSAY RESULTS

LEAD Database

SAMPLE NUMBER	GOLD ppb	COPPER ppm	LEAD ppm	ZINC ppm
CT-17-R	50	307	55	>10,000
TB-A-5	403	73	51	200
CT-21-R	10	39	30	145
SR-A-09	21	19	30	91
TB-A-3	52	30	28	93
CT-24-S	18	25	25	68
SR-A-06	40	21	25	89
CT-B-1	17	18	25	133
CT-23-S	394	11	25	41
SR-A-10	16	32	24	273
SR-A-11	24	34	23	115
CT-12-R	22	21	23	830
CT-C-8-S	42	20	23	131
CT-22-S	23	28	22	84
CT-26-R	66	8	22	219
CT-18-R	8	35	21	51
CT-11-S	18	18	21	85
CT-13-S	13	8	20	55
CT-14-S	57	5	19	50
TB-A-1	23	12	18	38
CT-09-S	94	30	15	137
SR-A-04	6	23	13	94
TB-A-4	57	18	13	78
SR-A-07	15	18	13	79
CT-20-R	8	30	12	80
SR-A-08	39	15	12	96
TB-A-2	25	13	12	86
SR-A-13	23	12	12	39
SR-A-11	40	8	12	71
SR-A-14	17	7	12	41
SR-A-05	176	10	11	42
SR-A-15	27	8	11	37
CT-25-R	575	10	10	260
CT-10-R	39	24	8	109
CT-19-R	10	7	8	66
SR-A-B	11	10	7	30
SR-A-12	17	4	6	13
CT-16-R	32	80	3	82
AVERAGE	66.526316	28.710526	18.947368	111.34211
S.T.D.	120.53428	48.458288	10.669552	132.81928

PROSPECTING 1992 -ASSAY RESULTS

ZINC Database

SAMPLE NUMBER	GOLD ppb	COPPER ppm	LEAD ppm	ZINC ppm
CT-17-R	50	307	55	10000
CT-12-R	22	21	23	830
SR-A-10	16	32	24	273
CT-25-R	575	10	10	260
CT-26-R	66	8	22	219
TB-A-5	403	73	51	200
CT-21-R	10	39	30	145
CT-09-S	94	30	15	137
CT-B-1	17	18	25	133
CT-C-8-S	42	20	23	131
SR-A-11	24	34	23	115
CT-10-R	39	24	8	109
SR-A-08	39	15	12	96
SR-A-04	6	23	13	94
TB-A-3	52	30	28	93
SR-A-09	21	19	30	91
SR-A-06	40	21	25	89
TB-A-2	25	13	12	86
CT-11-S	18	18	21	85
CT-22-S	23	28	22	84
CT-16-R	32	80	3	82
CT-20-R	8	30	12	80
SR-A-07	15	18	13	79
TB-A-4	57	18	13	78
SR-A-11	40	8	12	71
CT-24-S	18	25	25	68
CT-19-R	10	7	8	66
CT-13-S	13	8	20	55
CT-18-R	8	35	21	51
CT-14-S	57	5	19	50
SR-A-05	176	10	11	42
CT-23-S	394	11	25	41
SR-A-14	17	7	12	41
SR-A-13	23	12	12	39
TB-A-1	23	12	18	38
SR-A-15	27	8	11	37
SR-A-B	11	10	7	30
SR-A-12	17	4	6	13
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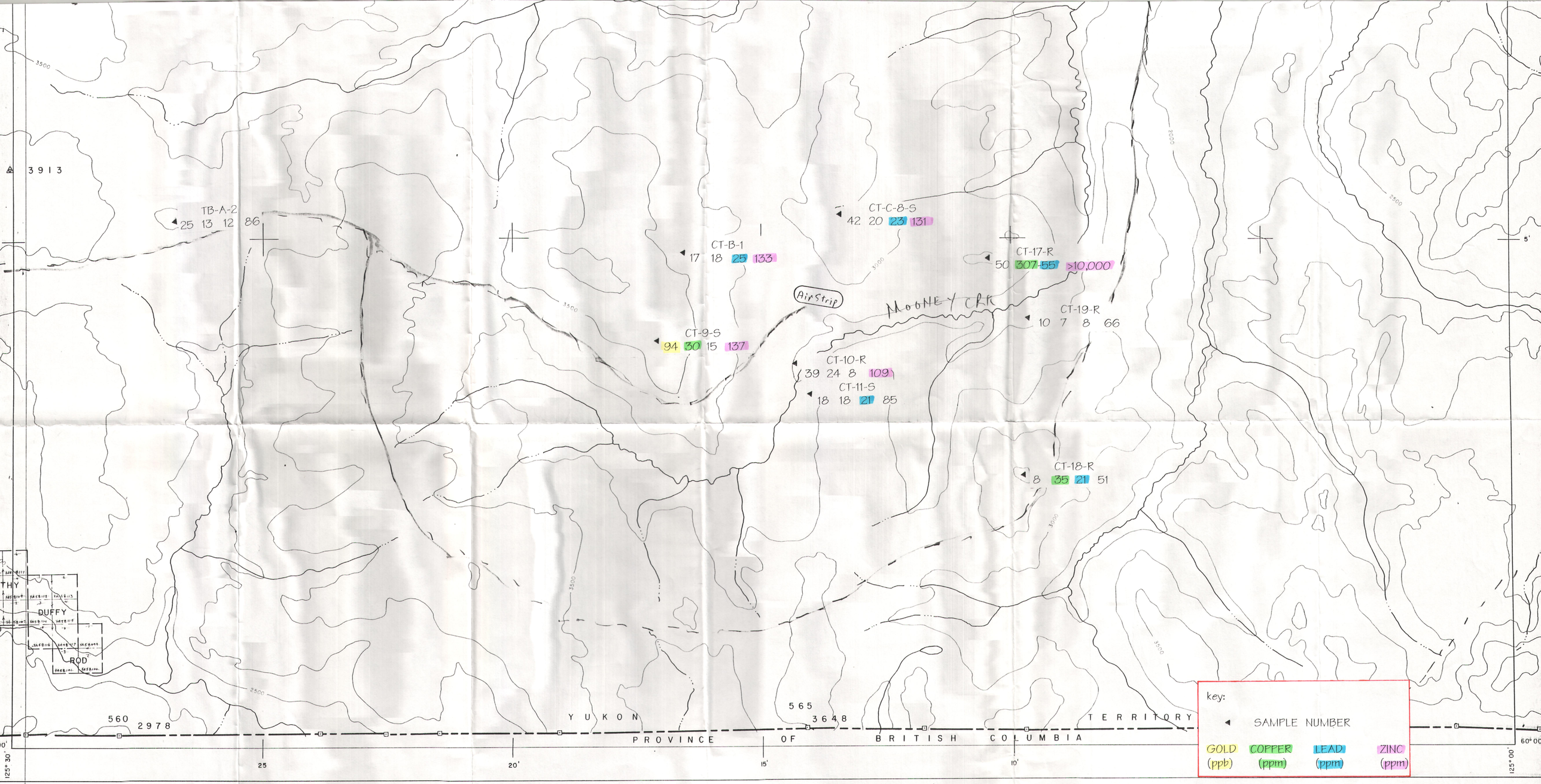
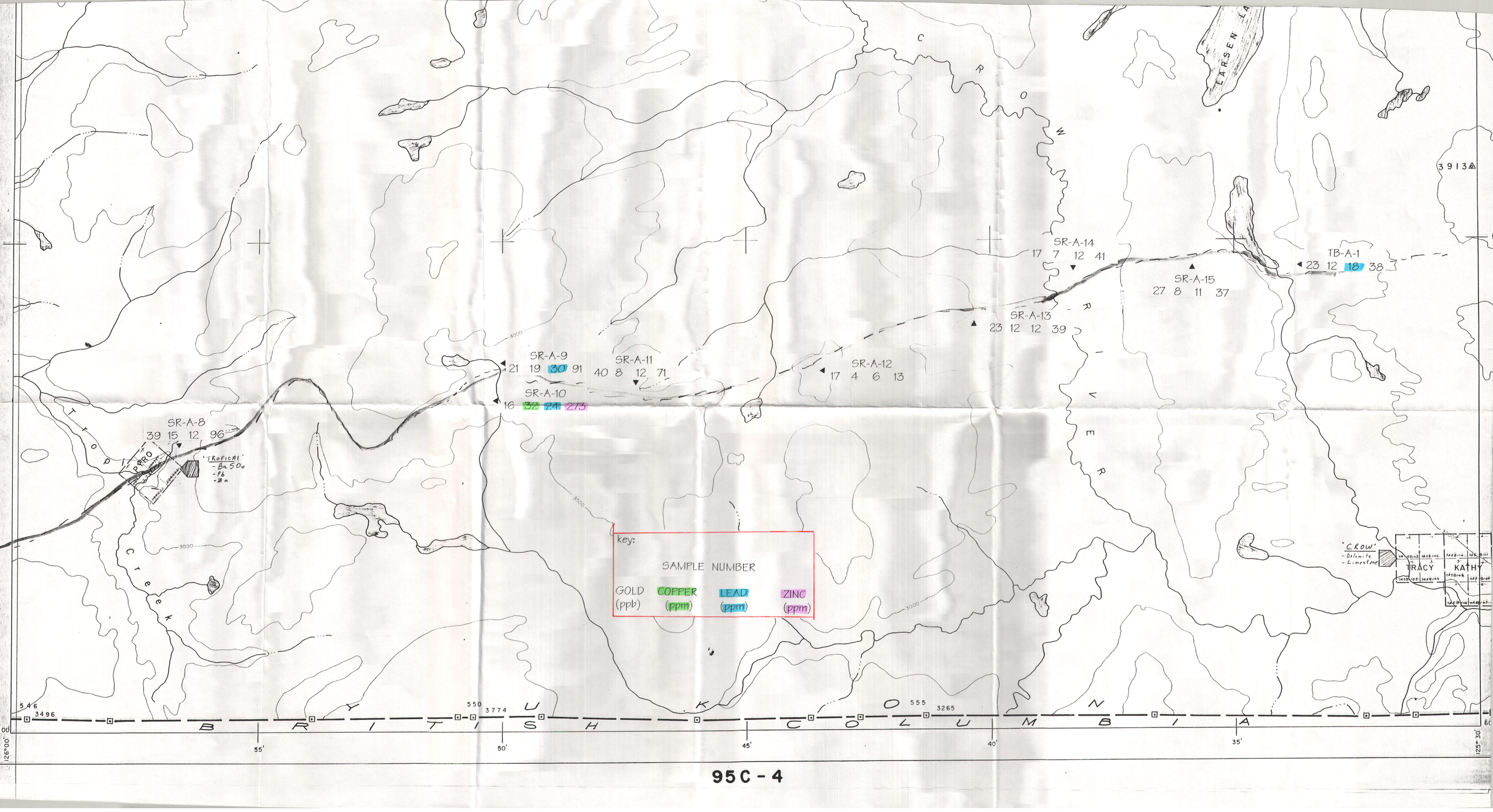

3913
TB-A-2
25 13 12 86
CT-B-1
17 18 25 133
CT-C-8-S
42 20 23 131
CT-17-R
50 307 55 >10,000
AirStrip
MOONEY CR.
CT-19-R
10 7 8 66
CT-9-S
94 30 15 137
CT-10-R
39 24 8 109
CT-11-S
18 18 21 85
CT-18-R
8 35 21 51
3500
3000
2500
THY
DUFFY
ROD
560 2978
565 3648
YUKON TERRITORY
PROVINCE OF BRITISH COLUMBIA
125° 30'
25
20'
15'
10'
125° 00'
60° 00'
key:
SAMPLE NUMBER
GOLD (ppb)
COPPER (ppm)
LEAD (ppm)
ZINC (ppm)

95C-3


SR-A-8
39 15 12 96
SR-A-9
21 19 30 91
SR-A-10
16 32 24 273
SR-A-11
40 8 12 71
SR-A-12
17 4 6 13
SR-A-13
23 12 12 39
SR-A-14
17 7 12 41
SR-A-15
27 8 11 37
TB-A-1
23 12 18 38
3913
TROPICAL
- Ba SO4
- Pb
- Zn
TROPICO
Trout Creek
CROW
- Dolomite
- Limestone
TRACY
KATHY
key:
SAMPLE NUMBER
GOLD (ppb)
COPPER (ppm)
LEAD (ppm)
ZINC (ppm)
546
3496
550
3774
555
3265
BRITISH COLUMBIA
126°00'
55'
50'
45'
40'
35'
125° 30'

95C - 4

95D-1

TERRITORY

BRITISH COLUMBIA

PROVINCE OF

YUKON

key:

SAMPLE NUMBER

GOLD (ppb) | COPPER (ppm) | LEAD (ppm) | ZINC (ppm)

SR-A-7
15 18 13 79

SR-A-6
40 21 25 89

SR-A-5
176 10 11 42

SR-A-4
6 23 13 94

SR-A-B
11 10 7 30

CT-26-R
66 8 22 219

CT-25-R
575 10 10 260

CT-24-S
18 25 25 68

CT-16-R
32 80 3 82

CT-12-R
22 21 23 830

CT-14-S
57 5 19 50

CT-13-S
13 8 20 55

TB-A-3
52 30 28 93

TB-A-4
57 18 13 78

TB-A-5
403 73 51 200

SR-A-11
24 34 23 115

CT-20-R
8 80 12 80

MAGNETIC NORTH
N 31° - 55' E

95D-2 | 95D-1 | 95C-4
95D-7 | 95D-8 | 95C-3

BRITISH COLUMBIA

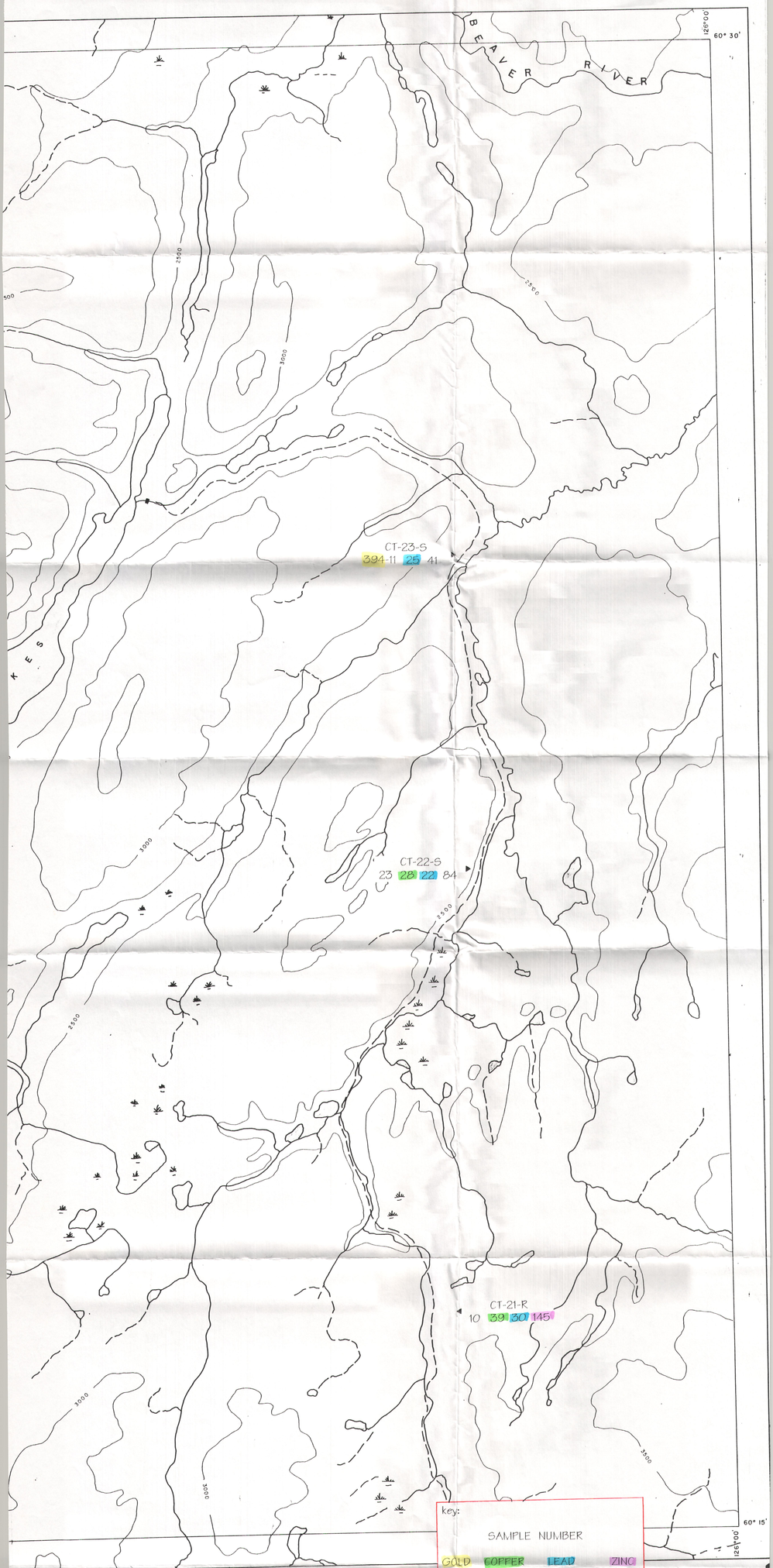
95D-8

S TO 1 INCH
6000 7500 9000 10500
FT

N

MAGNETIC NORTH
N 25° 00'E

95D-10	95D-9	95C-12
95D-7	95D-8	95C-5
95D-2	95D-1	95C-4



key:

SAMPLE NUMBER

GOLD (ppb)	COPPER (ppm)	LEAD (ppm)	ZINC (ppm)

D-8

Discussion of Results

The samples were assayed for Silver but the results were removed from the analysis because all samples reported concentrations of less than 0.1 ppm.

Page 13 of the analysis statistics was changed to plot more than the above average zinc samples because the one high sample reading (of over 2%) skewed the Standard Deviation and Average calculations. Therefore all samples showing over 100 ppm Zinc were plotted on the maps.

The photograph of the rock in Appendix #2 shows a large conglomerate volcanic rock that was too hard to get a chip sample with a rock hammer. Several rocks with these features were found in the Toobally and the Siwash Creek valleys. There is a possibility of this being extrusive igneous (volcanic) type or a very hard conglomerate (pyroclastic) sedimentary rock. More exploration in this area would be required to find a small sample of this type for anlysis and expert opinion.

Minfile of nearby locations:

Lead /Zinc deposits have been identified within thirty miles to the north of our prospected area at the properties known as "Thor", "Beav" and "Ginn". Zinc /Copper was also reported at the "Tranz" property in that area.

Lead/ Zinc deposits were reported at "Lootz","Kronig" and "Mel" thirty miles west of Toobally Lake. Zinc was also reported nearby at "Joni" and "Jeri".

To the north of Toobally Lake, Copper was found at "Gusty" and Lead at "Toobally".

To the east at "Beavercrow" (within fifteen miles) a Zinc Copper formation was reported.

To the south minfile indicates a claim was made at "Crow" which was vaguely described as being underlain by dolomite and limestone.

Summary and Conclusion

Surface Geology and Sample Assay Results indicate Toobally/Beaver Crow area is more similar to the Selwyn Basin than the Interior Platform. Evidence of massive sulphide mineralisation is characteristic of the Selwyn Basin formation.

Next season claims should be staked at the areas with high readings and localized traverses done in these areas to confirm and get an indication of the size of the deposits and to determine if ore grade minerals are possible. Priority will be given to the area showing over 2% zinc and high Lead in the rock outcroppings on Beavercrow Ridge (map 95C-4) and all the adjacent hills and outcroppings.

The soil sample (#CT-23-S) from the sinkhole (shown on Map 95D-8) indicates further research is warranted by hand drilling and sampling to determine if the elevated Gold (394 ppb) is indicative of an anomaly associated with this peculiar feature.

The sediment samples from the creeks and freshets of the Toobally Valley and the Beavercrow ridge indicate more research should be completed to determine if the Gold anomalys are limited to or perhaps concentrated in a particular area. The large burn area on the West side of Toobally and the Siwash Creek watersheds should be sampled as a minimum. Note sample results on Map 95D-1.

Acknowledgements

The plate used for appendix #1 Geological Formations was taken from course material used in the Advanced Prospecting Course given by the Yukon Chamber of Mines.

This is to acknowledge the help received with this project by the following individuals:

Isaac Janzen
Don Sipple
Clinton Turner
Jeff P. Austin,P. ENG.
Susan Allen

Photographs

Appendix #2

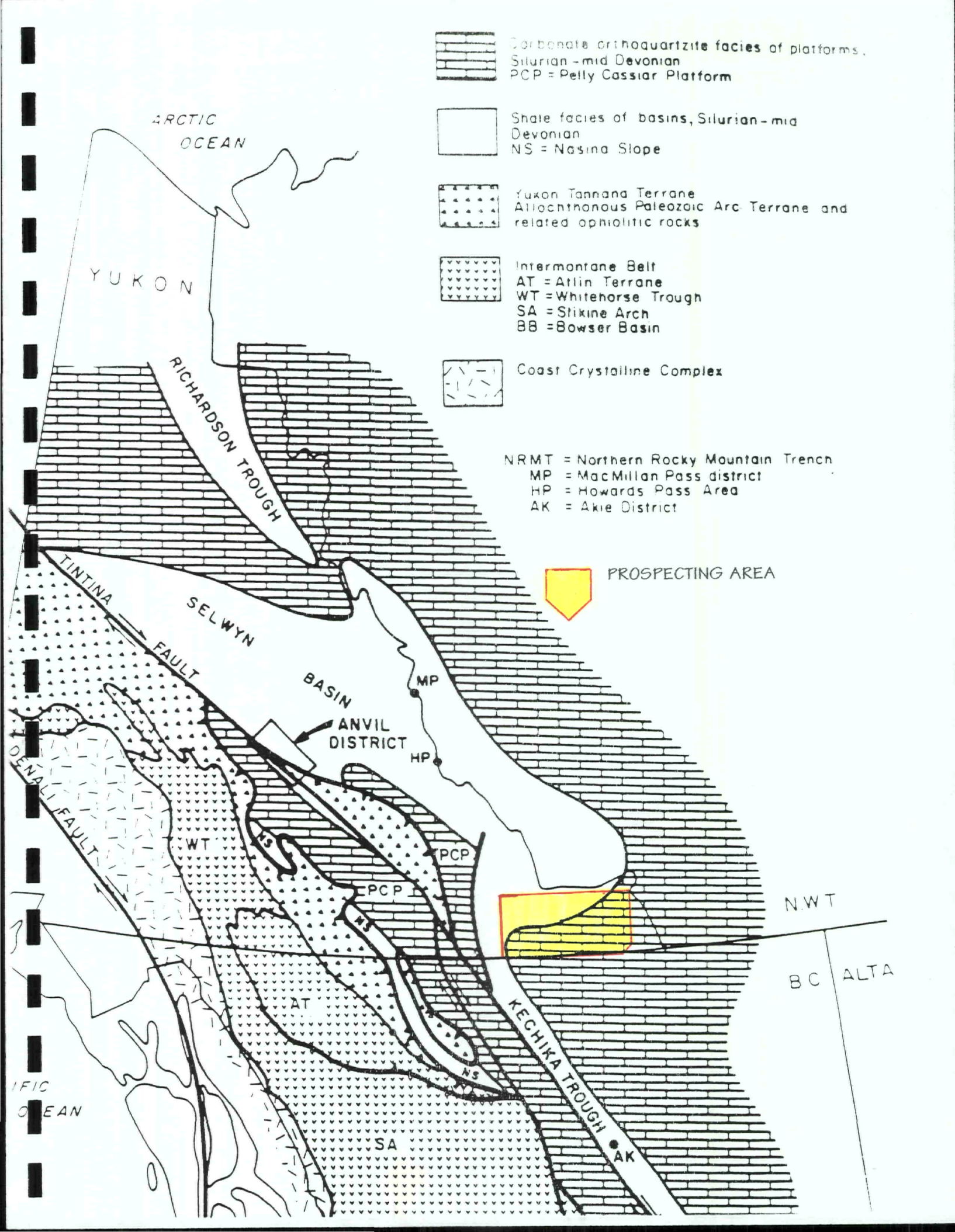
Photo of volcanic? structure rock
Toobally Valley See notes in pg 18

Appendix #3

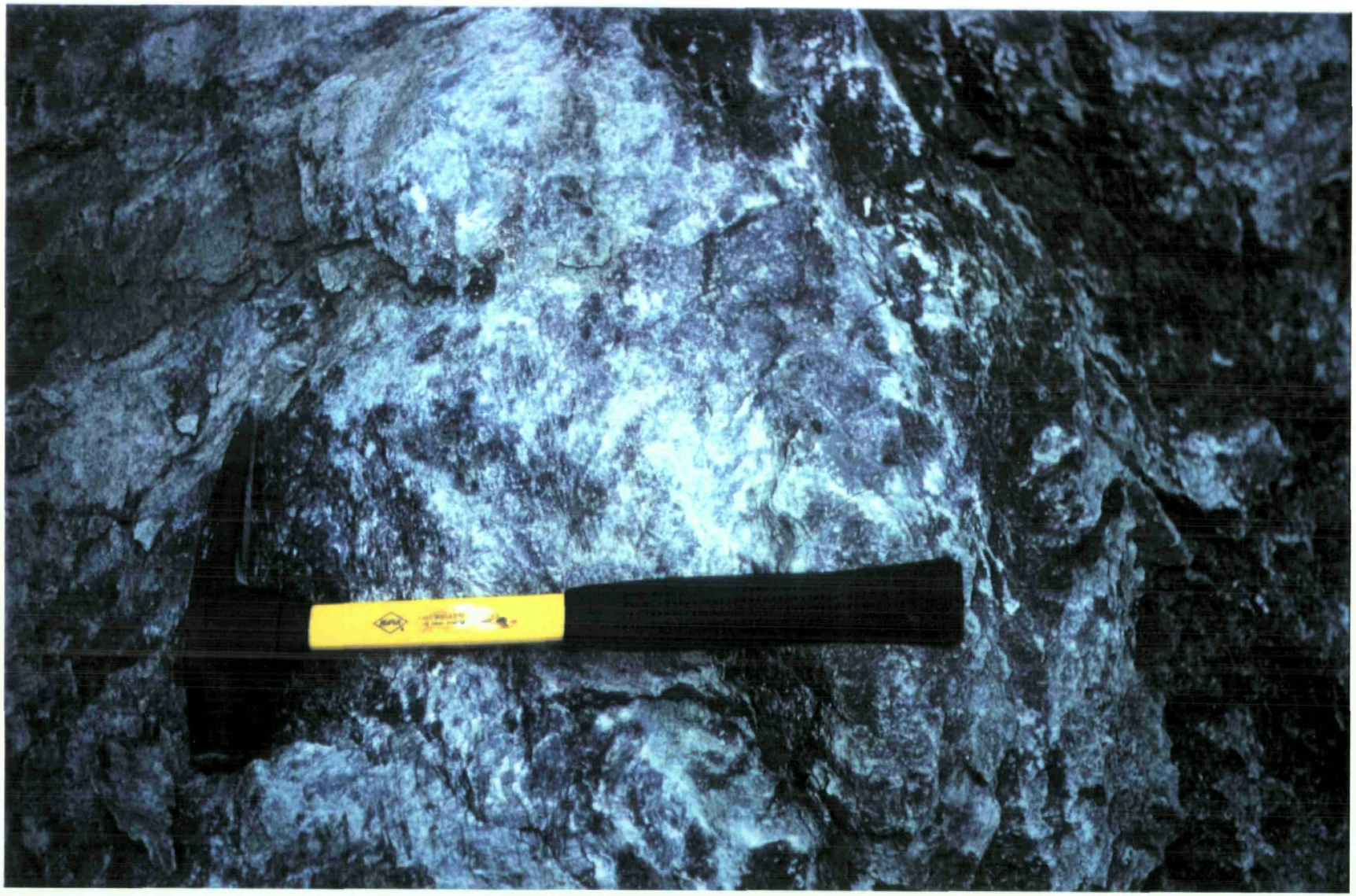
Photo of hard black rock with grey gossan
Sample CT-10-R
Beavercrow Ridge

Appendix #4

Photo of soft white rock probably limestone type.
Small reaction with acid noted.
Sample SR-A-11
Beavercrow Ridge


Carbonate orthoquartzite facies of platforms, Silurian - mid Devonian
PCP = Pelly Cassiar Platform
Shale facies of basins, Silurian - mid Devonian
NS = Nasina Slope
Yukon Tannana Terrane
Allochthonous Paleozoic Arc Terrane and related ophiolitic rocks
Intermontane Belt
AT = Atlin Terrane
WT = Whitehorse Trough
SA = Stikine Arch
BB = Bowser Basin
Coast Crystalline Complex
NRMT = Northern Rocky Mountain Trench
MP = MacMillan Pass district
HP = Howards Pass Area
AK = Akie District
PROSPECTING AREA
ARCTIC OCEAN
YUKON
RICHARDSON TROUGH
TINTINA FAULT
SELWYN BASIN
ANVIL DISTRICT
MP
HP
DENALI FAULT
WT
NS
PCP
AT
SA
KECHIKA TROUGH
AK
N.W.T
BC
ALTA
IFIC
EAN

APPENDIX - 3 -



APPENDIX - 4 -