BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1995/1996
REPORT #:	PAP 95-24
NAME:	SIMON SALMON

Program Completion
On The Thunderbird Claim
Ursus Creek, Vancouver Island B.C.
Lat 49 23 00 Long 125 37 00
NTS 92F-05W
S.Salmon Prospector
July-August 1995

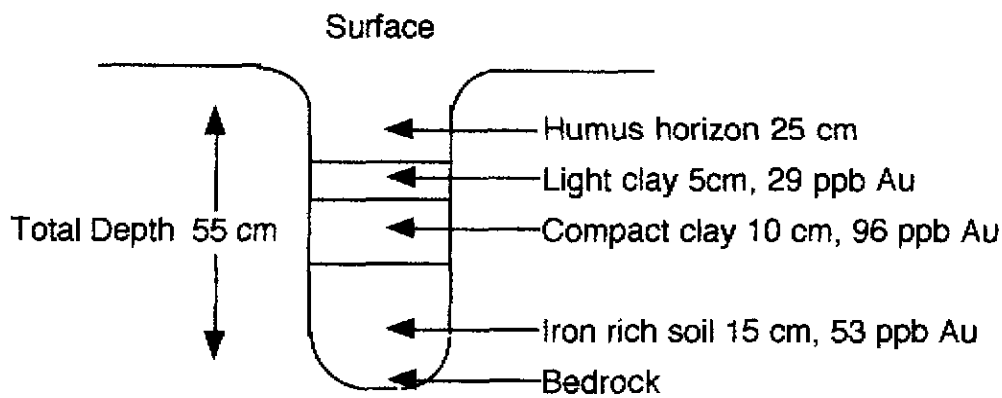
Index:

Program Completion:

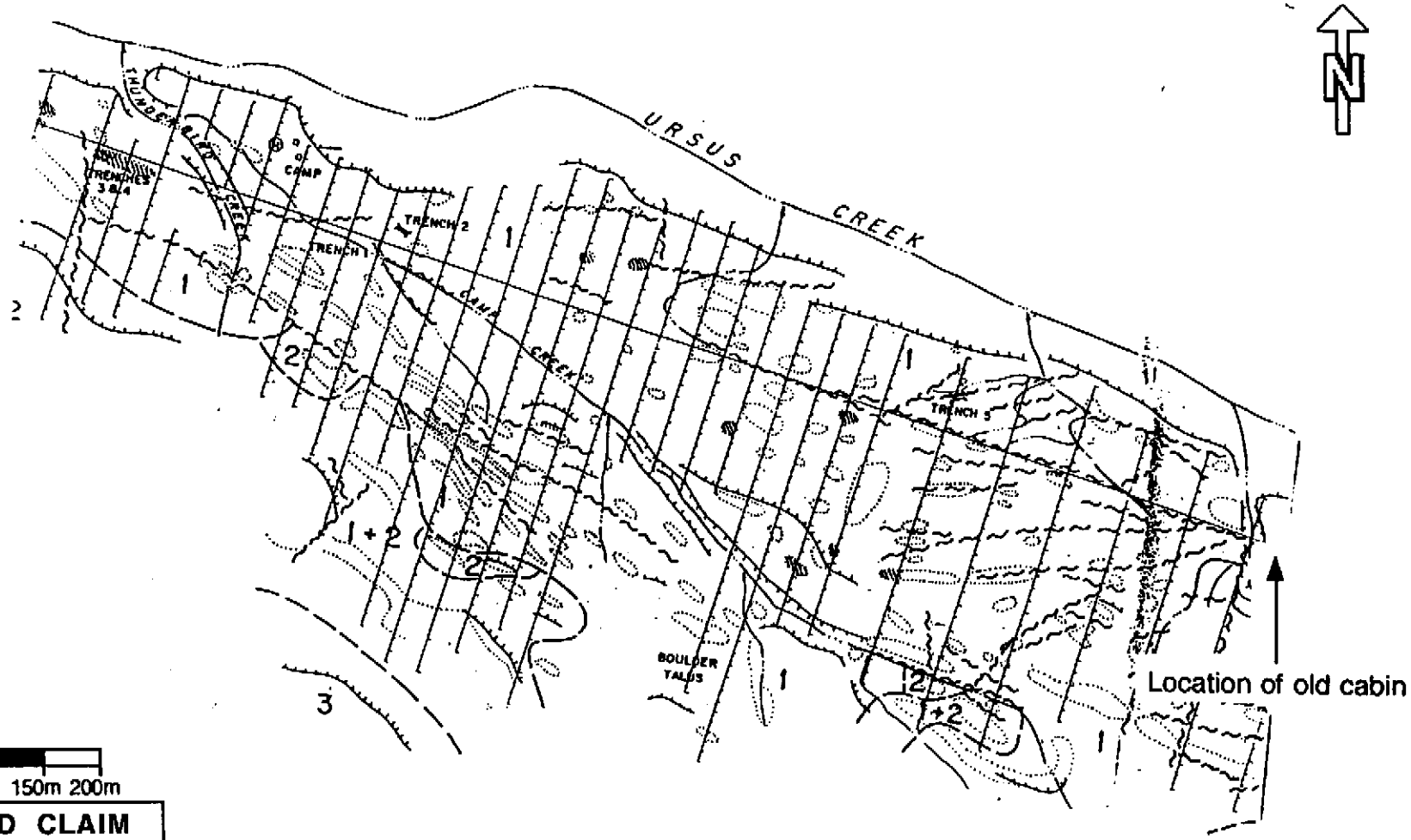
A total of 17 days were spent on the property between July and August 1995. Most of the work was to accurately sample all the known showings, as well as prospect along strike for other exposures.

Camp Zone:

This zone was staked during the program, and prospected for other outcrops. There was only one new showing discovered in this zone, this was a quartz vein within a cataclastic zone, unfortunately the assay results were disappointing. Sample 95-77 to 80 up to 28 ppb Au. The Camp Zone has been explored by 5 trenches these were all sampled during this program. Trenches #2 & #5 are only test pits and were not mapped. The results were also low in all of these trenches and do not seem to explain the large gold in soil anomaly discovered during an earlier program. A soil profile was taken to see if this anomaly was glacial:



These assays seem to confirm that this anomaly is not glacial and its source is still unexplained. The entire claim group is very rugged and thick with under brush making prospecting difficult. Almost all outcrop occurs on steep cliffs near water courses and is difficult to access in most places.



THUNDERBIRD CLAIM

Camp Zone

TRENCH LOCATIONS

Trench

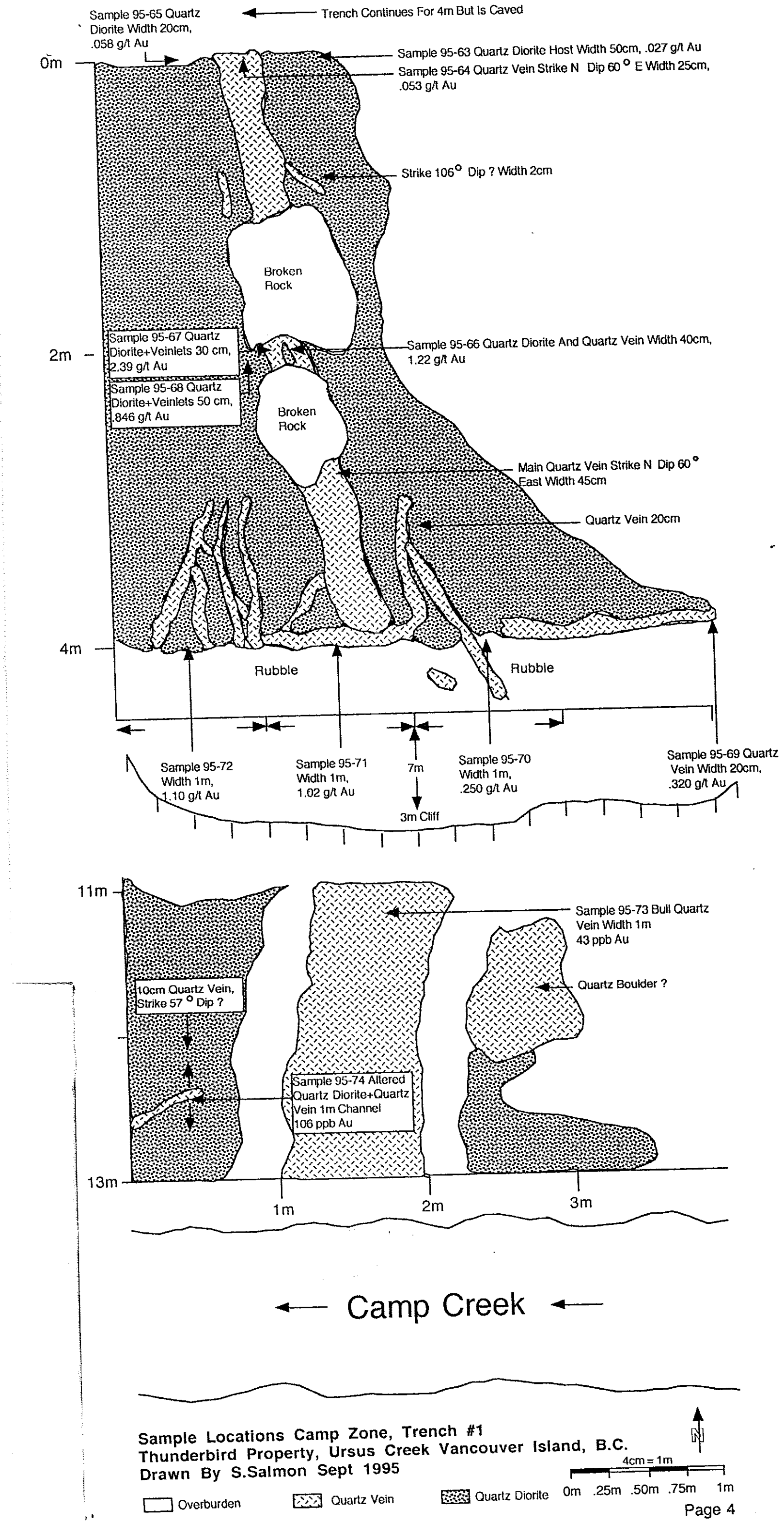
(H) Helipad

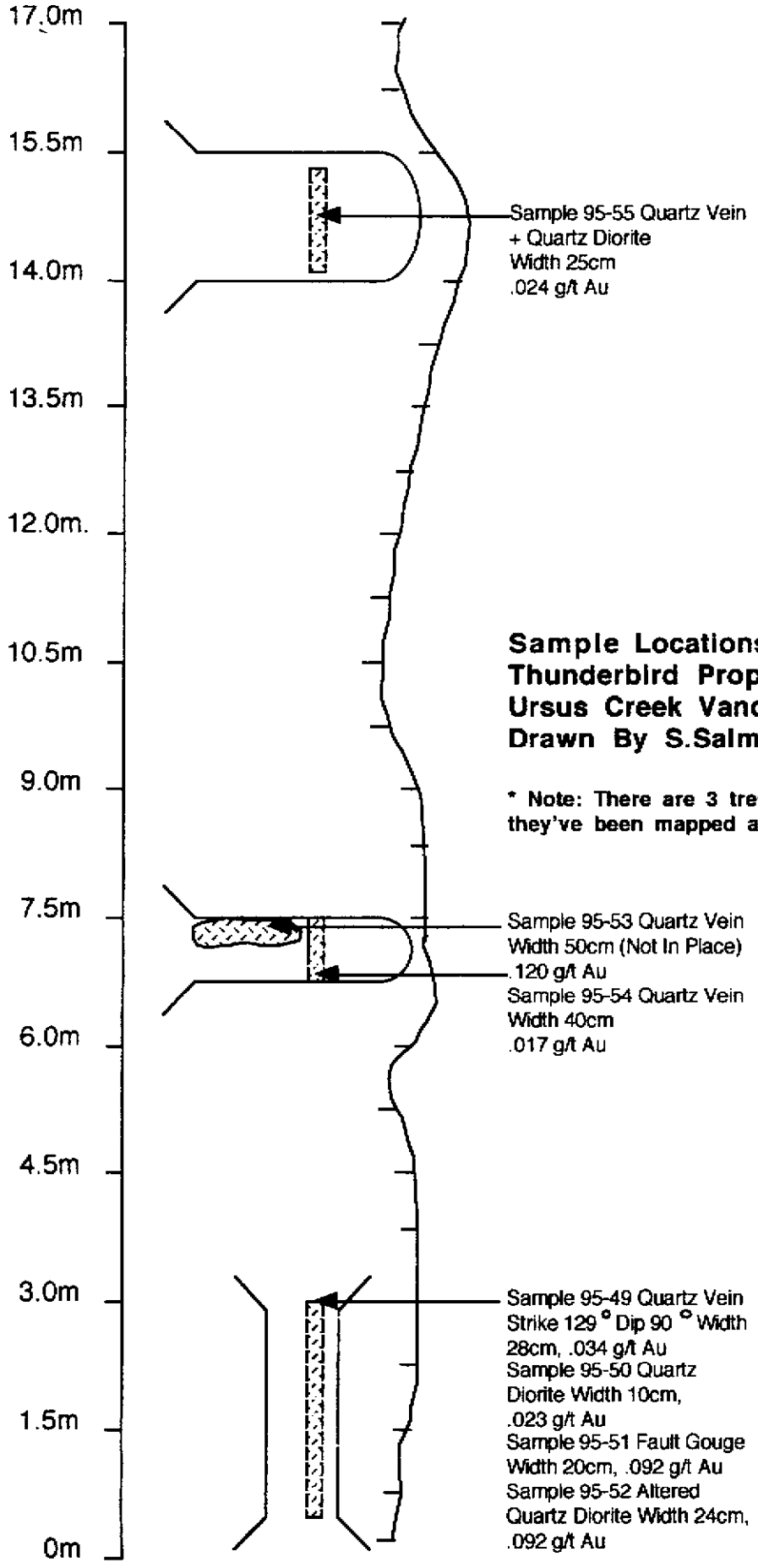
0m 50m 100m 150m 200m

THUNDERBIRD CLAIM
Camp Zone

GOLD IN SOIL ANOMOLY

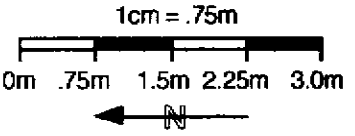
Gold results in ppb


Sample 95-65 Quartz Diorite Width 20cm, .058 g/t Au
Trench Continues For 4m But Is Caved
0m
Sample 95-63 Quartz Diorite Host Width 50cm, .027 g/t Au
Sample 95-64 Quartz Vein Strike N Dip 60° E Width 25cm, .053 g/t Au
Strike 106° Dip ? Width 2cm
Broken Rock
2m
Sample 95-67 Quartz Diorite+Veinlets 30 cm, 2.39 g/t Au
Sample 95-68 Quartz Diorite+Veinlets 50 cm, .846 g/t Au
Sample 95-66 Quartz Diorite And Quartz Vein Width 40cm, 1.22 g/t Au
Broken Rock
Main Quartz Vein Strike N Dip 60° East Width 45cm
Quartz Vein 20cm
4m
Rubble
Rubble
Sample 95-72 Width 1m, 1.10 g/t Au
Sample 95-71 Width 1m, 1.02 g/t Au
7m
3m Cliff
Sample 95-70 Width 1m, .250 g/t Au
Sample 95-69 Quartz Vein Width 20cm, .320 g/t Au
11m
10cm Quartz Vein, Strike 57° Dip ?
Sample 95-73 Bull Quartz Vein Width 1m 43 ppb Au
Quartz Boulder ?
Sample 95-74 Altered Quartz Diorite+Quartz Vein 1m Channel 106 ppb Au
13m
1m
2m
3m
Camp Creek
Sample Locations Camp Zone, Trench #1
Thunderbird Property, Ursus Creek Vancouver Island, B.C.
Drawn By S.Salmon Sept 1995
N
4cm = 1m
0m .25m .50m .75m 1m
Overburden
Quartz Vein
Quartz Diorite



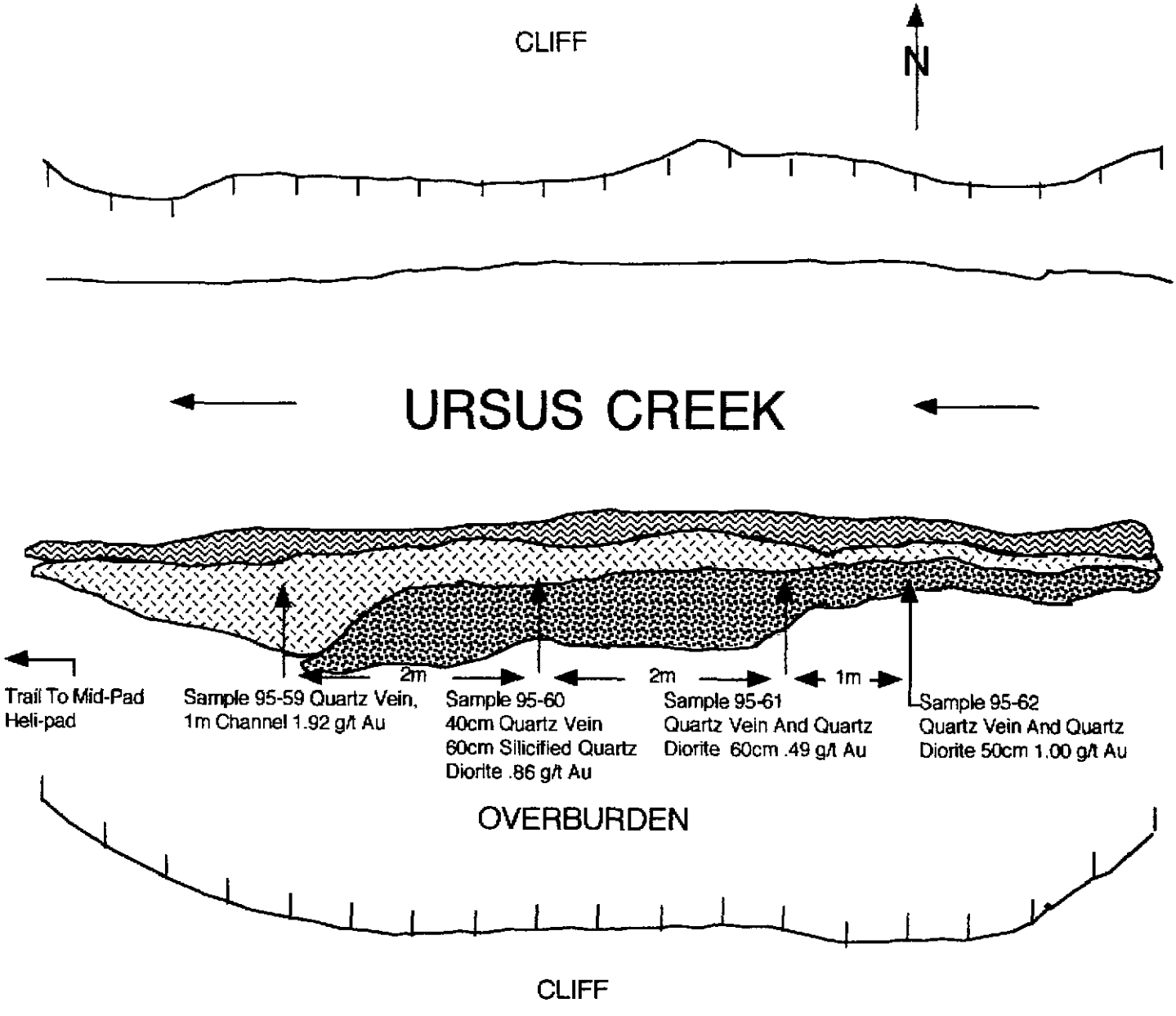
Sample Locations Camp Zone, Trenches #3-#4
Thunderbird Property
Ursus Creek Vancouver Island, B.C
Drawn By S.Salmon Sept 1995

*** Note: There are 3 trenches in this zone, but in the past they've been mapped as trenches #3 & #4**



Mid-Pad Zone:

The Mid-Pad showing was staked and sampled (see map page 7). The Mid-Pad vein outcrops along Ursus Creek paralleling the South side of the creek for 7m. The vein is reported to outcrop on the North side of the creek and has not been sampled due to difficulty crossing the creek. Hip-waders were brought in and even after 7 days of sunny weather the creek could not be crossed. This area was prospected but no new showings were found. During the prospecting a very old collapsed cabin was found about 900m East of the Camp Zone and 250m West of the Mid-Pad near the old base line. (see map page 2) This area is heavily faulted, and could possibly be a clue to an old showing. Only a quick look was taken because of fading light and no workings were found.

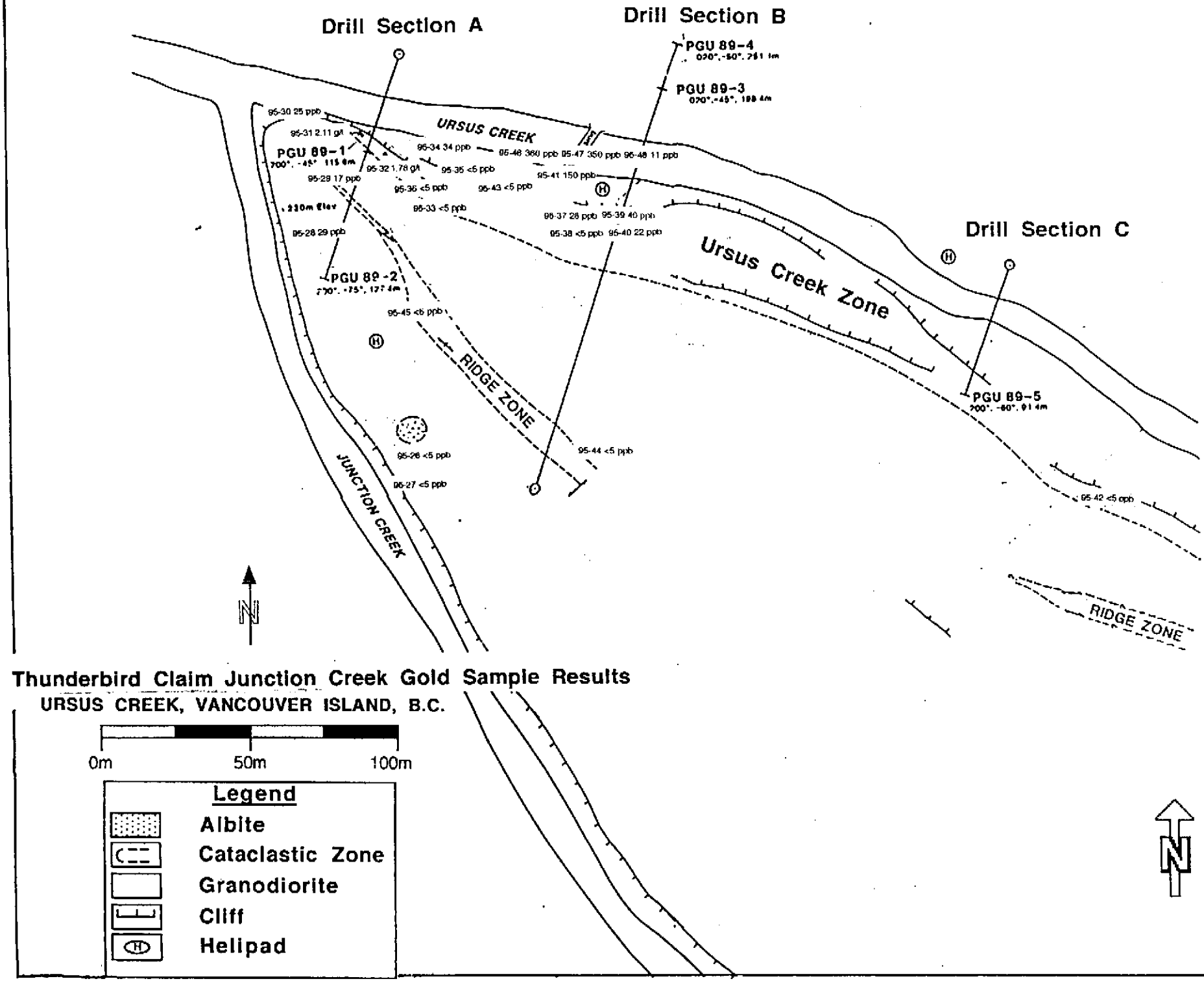


Sample Locations Mid-Pad Trench
Thunderbird Property, Ursus Creek Vancouver Island, B.C.
Drawn By S.Salmon Sept 1995
*** Not To Scale**

Quartz Vein Under Water Quartz Vein Quartz Diorite

Junction Creek Zone:

This zone was sampled at old flagged sample sites as well as new areas discovered while prospecting. (see map page 9) The results of my sampling were low but the main Ursus Creek cataclastic zone seems to be 20 m below Ursus creek and the areas sampled were only a "halo" with results getting better closer to Ursus Creek. Junction Creek was prospected upstream for 2 km but nothing of interest was discovered. While prospecting along Ursus Creek about 600m East of camp, cataclastic boulders and quartz veining was sampled but the results were low. Samples 95-20 to 25 up to 220 ppb Au. Prior reports on the property gave strike lengths of 1 km for the Ridge Zone and 800 m on the Ursus Creek Zone, this could not be confirmed and I'm unsure how these figures were compiled as there is very little outcrop.



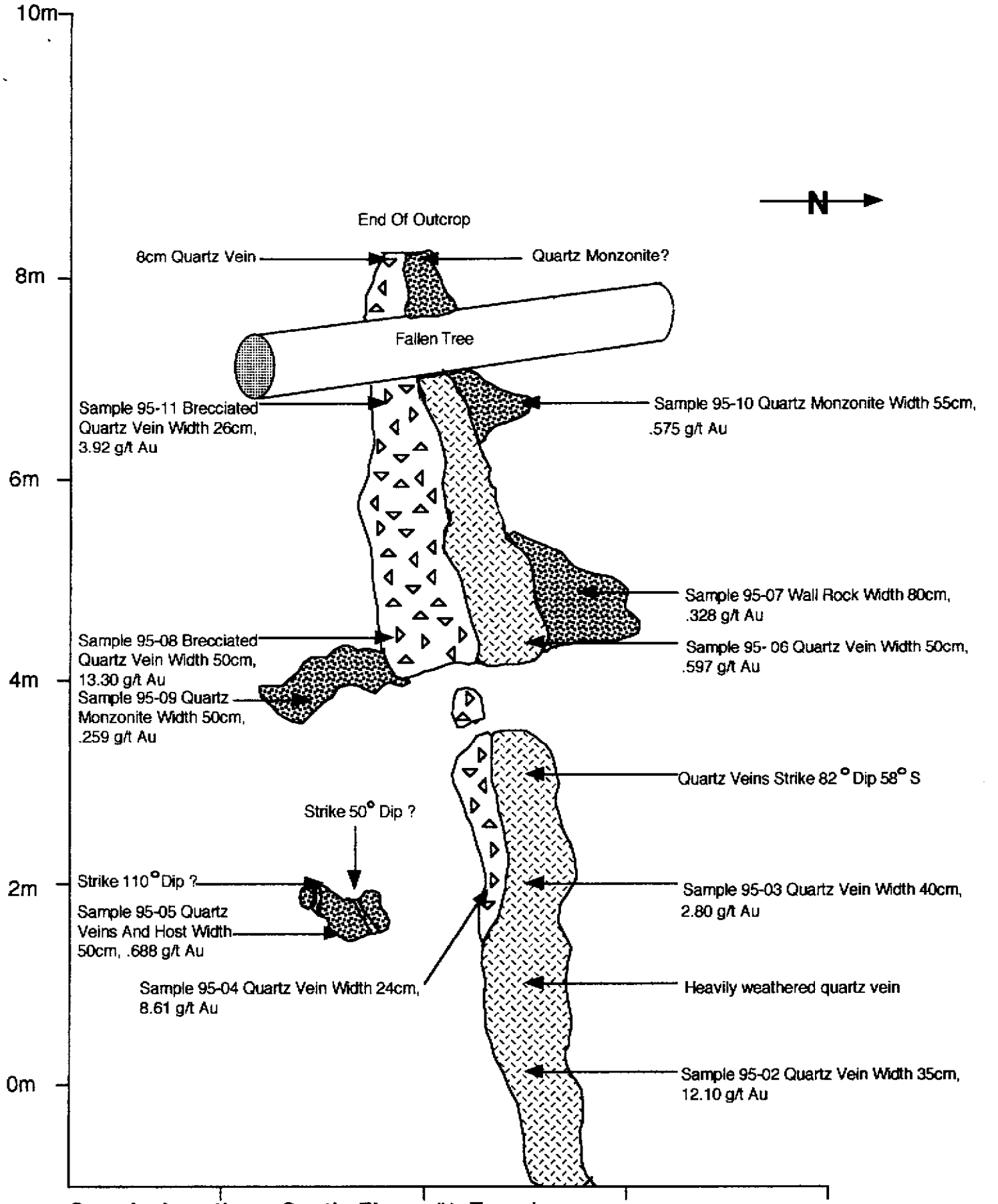
Thunderbird Claim Junction Creek Gold Sample Results

URSUS CREEK, VANCOUVER ISLAND, B.C.

Elmer Zone:

The area of the Elmer Veins was staked and sampled (see map pages 11 - 12). But again the reported 300m strike length couldn't be confirmed. Results in the Elmer area were encouraging and seem to duplicate past sampling. Prospecting did not uncover any extension to the Elmer vein system. One sample 95-01 was the taken from a small pit on the South Elmer vein about 35 m East of the Elmer #1 trench, this assayed 18.9 g/t Au.

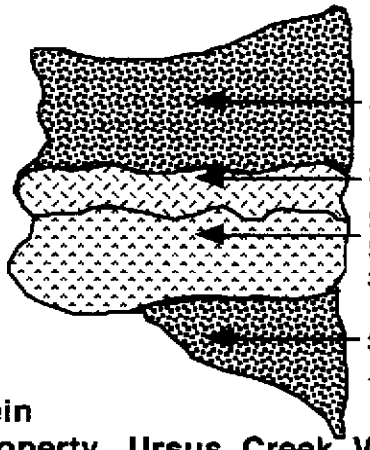
Another area the Whistler Zone was also staked. This zone is reported to be another cataclastic zone following Ursus Creek above the Elmer Zone near the pass into Taylor River. The area of past sampling (up to 2 g/t) was not found and float samples taken were low in gold.



Sample Locations South Elmer #1 Trench
Thunderbird Property, Ursus Creek Vancouver Island, B.C.
Drawn By S. Salmon August 1995

Scale 2cm = 1m
0m .5m 1m 2m

Overburden | Outcrop | Brecciated Quartz Vein | Quartz Vein | Quartz Monzonite



Sample 95-12 Quartz Diorite Host (Hanging Wall) Width 32cm, 1.08 g/t Au

Sample 95-13 Well Mineralized Quartz Vein Width 8cm

Sample 95-13 Bull Quartz Vein Width 38cm Strike 73 ° Dip 45 °S, 3.92 g/t Au

Sample 95-14 Quartz Diorite Host (Footwall) Width 40cm, .057 g/t Au

North Elmer Vein
Thunderbird Property, Ursus Creek Vancouver Island, B.C.
Drawn By S. Salmon August 1995
*** Not To Scale**

Overburden | Outcrop | Bull Quartz Vein | Well Mineralized Quartz Vein | Quartz Diorite

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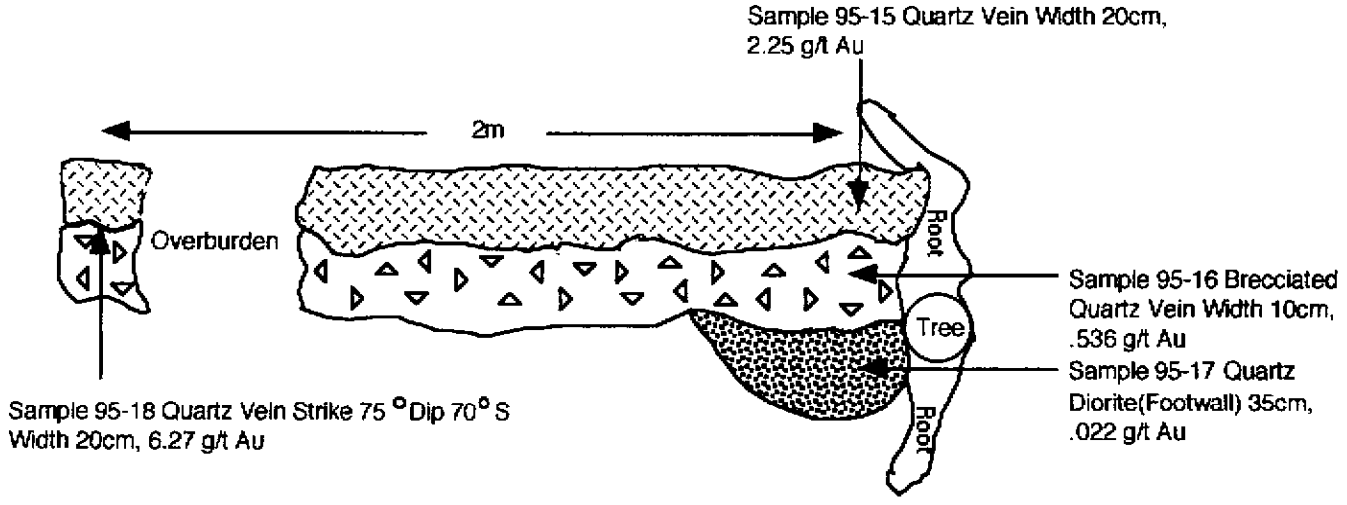


North Elmer Trench
Thunderbird Property, Ursus Creek Vancouver Island, B.C.
Drawn By S. Salmon August 1995
*** Not To Scale**

Overburden | Outcrop | Brecciated Quartz Vein | Quartz Vein | Quartz Diorite

Moss Mat Samples:

Most of the creeks within the claim group do not carry much sediment but 8 samples were taken with 2 being of interest. (see map page 14)

M-95-1 Taken 100 m West of DDH #1 & #2 in a small seasonal creek flowing South into Ursus Creek. Just West of the confluence of Junction and Ursus Creeks.
* 143 ppb Au

M-95-2 Taken at approximately 430 m elevation in Ursus Creek, above the projected Elmer vein strike. The Ursus is a permanent creek even at its head waters.
66 ppb Au

M-95-3 Taken in Junction Creek 75 m South-West of the main Junction Zone helipad and camp.
* 582 ppb Au

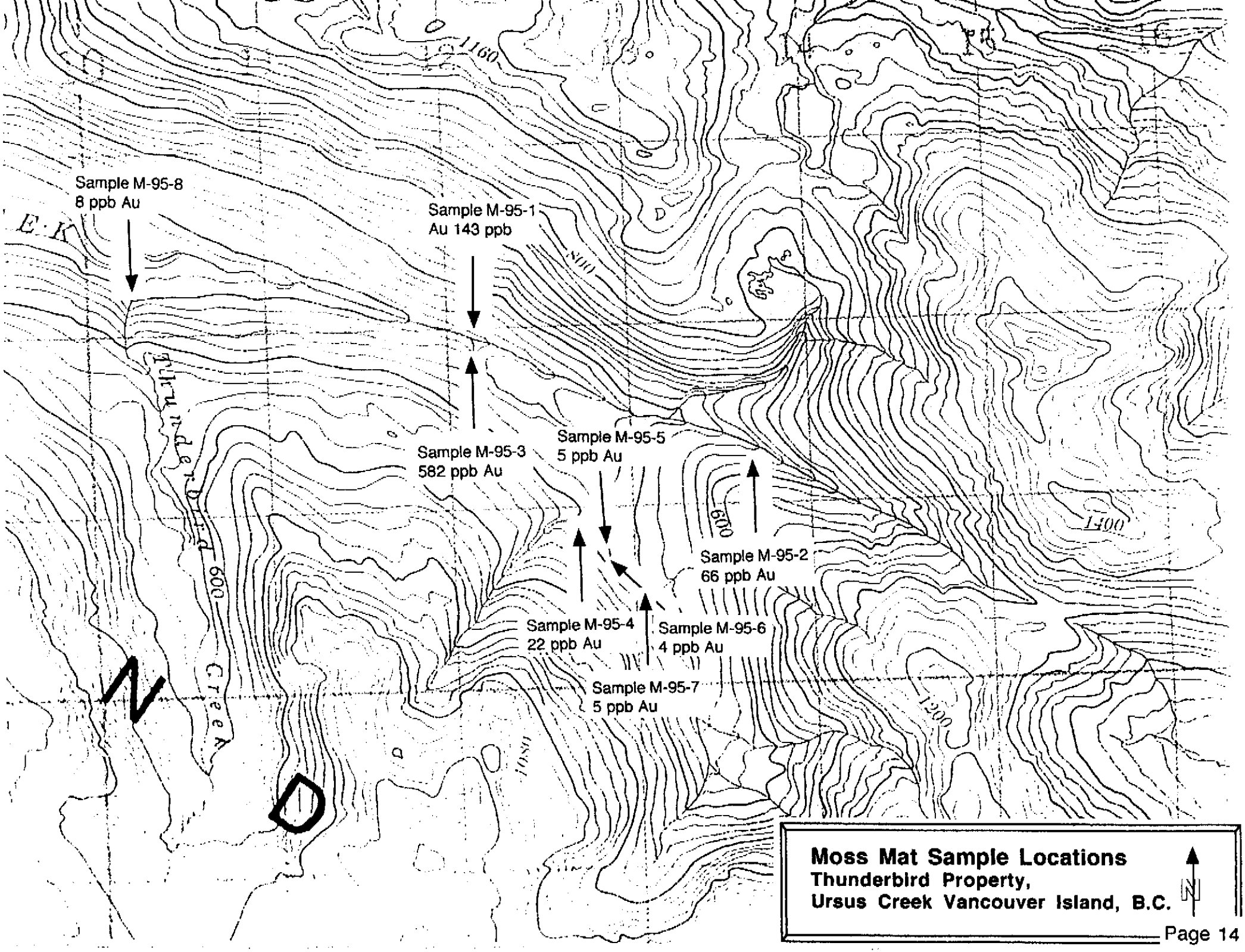
M-95-4 Taken 890 m South-East from Junction Zone camp, in a seasonal flood plain flowing East into Junction Creek.
22 ppb Au

M-95-5 Taken 1 km South-East of Junction Zone camp, in small permanent creek flowing East. Parallel to sample M-95-4.
5 ppb Au

M-95-6 Taken 1.5 Km South-East of Junction Zone camp, in a seasonal creek flowing West Into Junction Creek.
4 ppb Au

M-95-7 Taken 1.6 km South-East of Junction Creek camp, in Junction Creek. Still a year round creek.
5 ppb

M-95-8 Taken below a large waterfall cascading down Thunderbird Creek, about 100 m West of the Camp Zone camp.
8 ppb Au


Sample M-95-8
8 ppb Au
Sample M-95-1
Au 143 ppb
Sample M-95-3
582 ppb Au
Sample M-95-5
5 ppb Au
Sample M-95-2
66 ppb Au
Sample M-95-4
22 ppb Au
Sample M-95-6
4 ppb Au
Sample M-95-7
5 ppb Au
1160
1400
1200
600
Thunderbird Creek
Moss Mat Sample Locations
Thunderbird Property,
Ursus Creek Vancouver Island, B.C.
N

Conclusions:

All of the rock samples from this program were assayed by neutron activation with 30g samples being assayed. This was hoped to cancel out the "nugget" effect. Also 5 samples one from each zone were assayed by the metallic screen process, to see how much coarse gold there was.

Metallic Screen:

Sample #	Area	-100g	+100g	-100 Au (oz/t)	+100 Au (oz/t)	Total Au (oz/t)	Au (g/t)
95-11	South Elmer	513	22.4	.119	.342	.129	3.92
95-15	North Elmer	515	13.7	.065	.056	.065	2.25
95-28	Junction	544	20.3	.003	.073	.066	29ppb
95-59	Mid-Pad	584	16.7	.048	.063	.048	1.92
95-64	Camp	568	15.9	.002	.002	.002	53ppb

Camp Zone:

This zone has a large soil anomaly (see map page 3) and sampling programs including mine, have not explained this anomaly.

Trench #1 assayed up to 2.39 g/t Au

Trench #2 assayed 8 ppb Au

Trench #3 & #4 assayed up to .092 g/t Au

Trench #5 assayed 66 ppb Au

Cataclastic Zone assayed 28 ppb Au

Conclusions Cont:

Mid-Pad Zone:

This area needs to be explored on the North side of Ursus Creek but access is difficult. Past programs have returned much higher results than mine, and I'm unsure why the discrepancy.
Mid-Pad Zone assayed up to 1.92 g/t Au

Junction Creek Zone:

Again, my program did not duplicate high gold results from past programs. Past drilling programs have discovered as much as 20 m of boulders in Ursus Creek with the cataclastic zone laying below. Unfortunately the only way to explore this zone is by further drilling.
Junction Zone assayed up to 2.11 g/t Au

Elmer Zone:

My sampling in this area was encouraging. Due to lack of outcrop and access, drilling seems to be the only way to properly explore this area.
Elmer Zone assayed up to 18.9 g/t Au

Interestingly none of the samples assayed any silver although galena was noted in the Elmer zone (possibly it was sphalerite). Barium was also anomalous in many samples. All the showings within the Thunderbird claim group need to be drilled. So when the "land use" decisions have been made (December 1995) I will be trying to option the property to an experienced mining company .

Simon. A. Salmon

Appendix #1

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 01

LOCATION: 35m East Of Elmer #1 Trench
ROCK TYPE: Quartz Vein
MINERALIZATION: Pyrite
WIDTH: Grab STRIKE: N/A DIP: N/A
COMMENTS: Sample Taken In Old Hand Trench.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 02

LOCATION: South Elmer #1 Trench
ROCK TYPE: Brecciated Quartz Vein
MINERALIZATION: Pyrite
WIDTH: 35cm STRIKE: 82° DIP: 58° South
COMMENTS: Sample Taken At East End Of The Elmer #1 Trench.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 03

LOCATION: South Elmer #1 Trench
ROCK TYPE: Brecciated Quartz Vein
MINERALIZATION: Pyrite
WIDTH: 40cm STRIKE: N/A DIP: N/A
COMMENTS: Footwall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 04

LOCATION: South Elmer #1 Trench
ROCK TYPE: Quartz Vein, Minor Brecciation
MINERALIZATION: Pyrite
WIDTH: 24cm STRIKE: N/A DIP: N/A
COMMENTS: Hangingwall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 05

LOCATION: South Elmer #1 Trench
ROCK TYPE: Quartz Vein
MINERALIZATION: Disseminated Pyrite
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: Iron Staining At Surface.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 06

LOCATION: South Elmer #1 Trench
ROCK TYPE: Quartz Vein
MINERALIZATION: Pyrite, Galena, Sphalerite?
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: Footwall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 07

LOCATION: South Elmer #1 Trench
ROCK TYPE: Brecciated Quartz Monzonite?
MINERALIZATION: Pyrite, Clorite
WIDTH: 80cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 08

LOCATION: South Elmer #1 Trench
ROCK TYPE: Brecciated Quartz Vein
MINERALIZATION: Pyrite, Galena, Sphalerite?
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: Hangingwall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 09

LOCATION: South Elmer #1 Trench
ROCK TYPE: Quartz Monzonite?
MINERALIZATION: 10% Pyrite
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 10

LOCATION: South Elmer #1 Trench
ROCK TYPE: Quartz Monzonite Invaded By Quartz Veining
MINERALIZATION: Pyrite
WIDTH: 55cm STRIKE: N/A DIP: N/A
COMMENTS: Footwall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 11

LOCATION: South Elmer #1 Trench
ROCK TYPE: Brecciated Quartz Vein
MINERALIZATION: Pyrite, Galena, Sphalerite?
WIDTH: 26cm STRIKE: N/A DIP: N/A
COMMENTS: Hangingwall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 12

LOCATION: 100m East Of Whistler #1-#2 IP At 452m Elevation, North Elmer
ROCK TYPE: Quartz Diorite
MINERALIZATION: Significant Pyrite
WIDTH: 32cm STRIKE: N/A DIP: N/A
COMMENTS: Wall Rock On The Hangingwall Of North Elmer Vein.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 13

LOCATION: Same As Above
ROCK TYPE: Quartz Vein
MINERALIZATION: Pyrite, Galena
WIDTH: 38cm STRIKE: 73° DIP: 45° South
COMMENTS: 8cm On The Hangingwall Side Of The Vein, Very Well Mineralized.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 14

LOCATION: Same As Above
ROCK TYPE: Quartz Diorite
MINERALIZATION: Pyrite
WIDTH: 40cm STRIKE: N/A DIP: N/A
COMMENTS: Wall Rock On Footwall Of The North Elmer Vein.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 15

LOCATION: 90m West at 73 Of Sample 95-14 North Elmer Vein
ROCK TYPE: Quartz Vein
MINERALIZATION: Iron Staining
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: Old Sample # KR-17.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 16

LOCATION: North Elmer Vein
ROCK TYPE: Quartz With Heavy Brecciation
MINERALIZATION: Heavy Iron Staining
WIDTH: 10cm STRIKE: N/A DIP: N/A
COMMENTS: Footwall

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 17

LOCATION: North Elmer Vein
ROCK TYPE: Quartz Diorite
MINERALIZATION: Pyrite
WIDTH: 35cm STRIKE: N/A DIP: N/A
COMMENTS: Host Rock On Footwall, Hangingwall Host rock Under Overburden

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CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 18

LOCATION: North Elmer Vein
ROCK TYPE: Quartz Vein
MINERALIZATION: Pyrite
WIDTH: 20cm STRIKE: 75° DIP: 70°South
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 19

LOCATION: 435m Elevation in Ursus Creek, Above projected Elmer Strike
ROCK TYPE: Chert?
MINERALIZATION: Pyrite
WIDTH: Float In Creek STRIKE: N/A DIP: N/A
COMMENTS: Many Pebbles And Boulders Of The Same Seen in Creek

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CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 20

LOCATION: 400m West Of #3 & #4 Elmer IP In Ursus Creek
ROCK TYPE: Cataclastic Zone
MINERALIZATION: Pyrite, Clorite
WIDTH: 10cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 21

LOCATION: 3m West Of Sample 95-20
ROCK TYPE: Quartz Veins And Altered Wall Rock
MINERALIZATION: Pyrite
WIDTH: 6cm STRIKE: N/A DIP: N/A
COMMENTS: Sample Taken On Boulder Possibly Bedrock, Large Quartz Crystals

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CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 22

LOCATION: Same As Above
ROCK TYPE: Altered Cataclastic Wall Rock Of Above
MINERALIZATION: Pyrite, Clorite
WIDTH: 1cm STRIKE: N/A DIP: N/A
COMMENTS: Host Of Sample 95-21

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 23

LOCATION: 4m West Of 95-22
ROCK TYPE: Large Cataclastic Boulder And Quartz Stringers Up To 5cm
MINERALIZATION: Pyrite
WIDTH: 1m STRIKE: N/A DIP: N/A
COMMENTS: Seems To Have Come From Area Of Samples 95-21 & 22

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 24

LOCATION: Same As Above, 3m Up South Bank
ROCK TYPE: Cataclastic Monzonite
MINERALIZATION: Pyrite
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 25

LOCATION: 27m west Of Sample 95-22
ROCK TYPE: Cataclastic Monzonite
MINERALIZATION: Pyrite
WIDTH: Grab STRIKE: N/A DIP: N/A
COMMENTS: Talus Slope

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 26

LOCATION: 15m SE Of Junction Helipad
ROCK TYPE: Albite
MINERALIZATION: Minor Iron Staining, Fine Grained Pyrite
WIDTH: 15cm STRIKE: 117° DIP: 67° South
COMMENTS: Up To 1cm Feldspar Veining In Shear Cutting Albite

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 27

LOCATION: 10m SE Of Albite On North Side Of Junction Creek
ROCK TYPE: Clorite Altered Albite
MINERALIZATION: Fine Disseminated Pyrite, Clorite
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS:Continuation Of Albite Plug, Much More Altered

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 28

LOCATION: Junction Creek Zone Old Sample #806
ROCK TYPE: Cataclastic Mylonite?
MINERALIZATION: Clorite
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: In Previous Sampling They Called This Material Quartz Diorite

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CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 29

LOCATION: Junction Creek Zone Old Sample # 859
ROCK TYPE: Cataclastic Mylonite, Diorite?
MINERALIZATION: Clorite
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: Ridge Zone, Although Sample Looked The Same As 95-28

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 30

LOCATION: Junction Creek Zone
ROCK TYPE: Highly Clorite & Carbonate Altered Mylonite
MINERALIZATION: Minor Pyrite
WIDTH: 30cm STRIKE: N/A DIP: N/A
COMMENTS: Old Sample #3804?

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 31

LOCATION: Junction Creek Zone Old Sample #3805
ROCK TYPE: Altered Foliated Mylonite
MINERALIZATION: Minor Pyrite
WIDTH: 40cm STRIKE: N/A DIP: N/A
COMMENTS: Looks Like Altered Albite

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 32

LOCATION: Junction Creek Zone Old Sample #3807
ROCK TYPE: Mylonite
MINERALIZATION: Disseminated Pyrite, Clorite
WIDTH: 1m STRIKE: N/A DIP: N/A
COMMENTS: Shears Running At 147°

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 33

LOCATION: Junction Creek Zone Old Sample #3806
ROCK TYPE: Mylonite
MINERALIZATION: More Clorite Than Sample 95-32
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: Sample Finer Grained Than 95-32, Sample Taken Just East And Above

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CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 34

LOCATION: Junction Creek Zone Old Sample #3678
ROCK TYPE: Mylonite
MINERALIZATION: Significant Disseminated Pyrite And Heavy Clorite Alteration
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: Coarser Grained Than 95-33

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 35

LOCATION: Junction Creek Zone Old Sample #3801
ROCK TYPE: Cataclastic Zone
MINERALIZATION: Minor Disseminated Pyrite,Clorite Alteration
WIDTH: 1m STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 36

LOCATION: Junction Creek Zone, 5m West Of Trail, 20m West Of Sample 95-35
ROCK TYPE: Albite?
MINERALIZATION: Clorite, Minor Iron Staining
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS: Fine Grained

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 37

LOCATION: Junction Creek Zone Old Sample #3919 & #3920
ROCK TYPE: Quartz Vein
MINERALIZATION: Disseminated Pyrite, Major Iron Staining,Weathered To Limonite
WIDTH: 10cm STRIKE: 141° DIP: 67° South
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 38

LOCATION: Junction Creek Zone Old #3919 & #3920
ROCK TYPE: Quartz Diorite
MINERALIZATION: Disseminated Pyrite, Clorite Alteration
WIDTH: 25cm STRIKE: N/A DIP: N/A
COMMENTS: Wall Rock 12.5cm Either Side Of Sample 95-37

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 39

LOCATION: Junction Creek Zone Old Sample #3917
ROCK TYPE: Quartz Diorite
MINERALIZATION: Pyrite, Clorite Alteration
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 40

LOCATION: Junction Creek Zone Old Sample #3918
ROCK TYPE: Quartz Diorite
MINERALIZATION: Disseminated Pyrite, Clorite Alteration
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 41

LOCATION: Junction Creek Zone, Below 95-36 About 5m From Log In Creek
ROCK TYPE: Quartz Diorite
MINERALIZATION: Pyrite, Clorite Alteration
WIDTH: 1m STRIKE: N/A DIP: N/A
COMMENTS: Exposure On South Bank At Ursus Creek

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 42

LOCATION: Junction Creek Zone, Old Sample #857
ROCK TYPE: Quartz Diorite
MINERALIZATION: Minor Disseminated Pyrite, Clorite Alteration
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 43

LOCATION: Junction Creek Zone, Old Sample #886 & #887
ROCK TYPE: Cataclastic Zone
MINERALIZATION: Minor Disseminated Pyrite, Clorite Alteration
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 44

LOCATION: Junction Creek Zone, Old Sample #802
ROCK TYPE: Quartz Diorite
MINERALIZATION: Minor Pyrite, Clorite Alteration
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS: North Of Drill Pad #3 & #4 On Ridge

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 45

LOCATION: Junction Creek Zone, Old Sample #3803
ROCK TYPE: Quartz Diorite
MINERALIZATION: No Visible Pyrite, Clorite Alteration
WIDTH: Grab STRIKE: N/A DIP: N/A
COMMENTS: From Broken Pile Below Small Cliff

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 46

LOCATION: Junction Creek Zone, 5m West Of Footbridge On South Wall Of Creek
ROCK TYPE: Quartz Diorite
MINERALIZATION: Significant Pyrite, Clorite Alteration, Course Grained
WIDTH: 30cm STRIKE: N/A DIP: N/A
COMMENTS: Old Sample #3811

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 47

LOCATION: Junction Creek Zone, 2m West Of 95-46
ROCK TYPE: Quartz Diorite
MINERALIZATION: Significant Pyrite, Clorite Alteration
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 48

LOCATION: Junction Creek Zone, Drill Hole #3 & #4
ROCK TYPE: Cataclastic Zone
MINERALIZATION: Significant Pyrite
WIDTH: Grab STRIKE: N/A DIP: N/A
COMMENTS: Heavy Pyrite

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 49

LOCATION: Camp Zone, Trenches #3 & #4
ROCK TYPE: Quartz Vein
MINERALIZATION: Weathered Pyrite
WIDTH: 28cm STRIKE: 129° DIP: 90°
COMMENTS: Very Old Trench, Vein Is Broken And Layered Between Gouge.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 50

LOCATION: Camp Zone, Trenches #3 & #4
ROCK TYPE: Quartz Diorite Host With Quartz Veinlets
MINERALIZATION: Disseminated Pyrite
WIDTH: 10cm STRIKE: N/A DIP: N/A
COMMENTS: Wall Rock North Side Of Trench.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 51

LOCATION: Camp Zone, Trenches #3 & #4
ROCK TYPE: Fault Gouge
MINERALIZATION: None Visible
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: Numerous Quartz Veinlets - 2mm.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 52

LOCATION: Camp Zone, Trenches #3 & #4
ROCK TYPE: Heavily Altered Quartz Diorite?
MINERALIZATION: Pyrite
WIDTH: 24cm STRIKE: N/A DIP: N/A
COMMENTS: South Wall.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 53

LOCATION: Camp Zone, Trenches #3 & #4, 7m East At 129° From Samples 95-49-52
ROCK TYPE: Quartz Vein
MINERALIZATION: Iron Staining
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: Large Quartz Boulder, 2nd Opencut On Strike.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 54

LOCATION: Camp Zone, Trenches #3 & #4 Same Location As 95-53
ROCK TYPE: Quartz Vein
MINERALIZATION: Minor Iron Staining
WIDTH: 40cm STRIKE: N/A DIP: N/A
COMMENTS: Broken Boulder From Outcrop.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 55

LOCATION: Camp Zone, Trenches #3 & #4, 14m West Of Sample 95- 49
ROCK TYPE: Quartz Diorite & Quartz Vein
MINERALIZATION: None Visible
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: 3rd Opencut On Strike.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 56

LOCATION: Thunderbird Creek Below Helipad At Base Of Waterfall
ROCK TYPE: Quartz Diorite
MINERALIZATION: Muscovite, Pyrite
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: On North Side Of Creek.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 57

LOCATION: Below Mid-Pad Helipad In Ursus Creek
ROCK TYPE: Highly Silicified Quartz Diorite?
MINERALIZATION: Minor Disseminated Pyrite
WIDTH: 10cm STRIKE: N/A DIP: N/A
COMMENTS: Paralelling Ursus Creek.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 58

LOCATION: Same As Above
ROCK TYPE: Quartz Diorite
MINERALIZATION: Minor Pyrite
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: On The South Side Of Sample 95-57

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 59

LOCATION: Mid-Pad Zone
ROCK TYPE: Quartz Vein Only
MINERALIZATION: Significant Pyrite
WIDTH: 1m STRIKE: ? DIP: ?
COMMENTS: Western Sample. Strike And Dip Missing Due To Lost Compass!

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 60

LOCATION: Mid-Pad Zone, 2m East Of 95-59
ROCK TYPE: 40cm Quartz Vein And 60cm Quartz Diorite?
MINERALIZATION: Significant Pyrite And Clorite
WIDTH: 1m STRIKE: N/A DIP: N/A
COMMENTS: Highly Silicified.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 61

LOCATION: Mid-Pad Zone, 4m East Of 95-59
ROCK TYPE: Quartz Vein And Quartz, Clorite Altered Wall Rock
MINERALIZATION: Significant Pyrite
WIDTH: 55cm STRIKE: N/A DIP: N/A
COMMENTS: North Wall 20cm,Vein 20cm, South Wall 15cm.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 62

LOCATION: Mid-Pad Zone, 5m East Of 95-59
ROCK TYPE: Quartz Vein And Altered Wall Rock
MINERALIZATION: Significant Pyrite
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: 10cm Altered Silicified Quartz Vein, 40cm Altered Wall Rock

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CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 63

LOCATION: Camp Zone, Trench #1 At 0m
ROCK TYPE: Quartz Diorite Host, Heavily Altered With Quartz Stockworking On Trend
MINERALIZATION: Heavily Oxidized Pyrite
WIDTH: 50cm STRIKE: N DIP: 60°East
COMMENTS: East Wall Host Rock.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 64

LOCATION: Camp Zone, Trench #1 At 0m
ROCK TYPE: Quartz Vein
MINERALIZATION: Pyrite, Malachite, Minor Bornite
WIDTH: 25cm STRIKE: N/A DIP: N/A
COMMENTS: Possible Azurite Noted

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 65

LOCATION: Camp Zone, Trench #1 At 0m
ROCK TYPE: Quartz Diorite
MINERALIZATION: Pyrite
WIDTH: 30cm STRIKE: N/A DIP: N/A
COMMENTS: West Side Of Vein, Minor Quartz Stockworking On Strike

---

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 66

LOCATION: Camp Zone, Trench #1. 2m South Of 95-64-65
ROCK TYPE: Quartz Diorite and Quartz Vein
MINERALIZATION: Significant Pyrite, Minor Malachite
WIDTH: 40cm STRIKE: N/A DIP: N/A
COMMENTS: North Wall And Vein, Vein Shifted East.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 67

LOCATION: Camp Zone, Trench #1. 2m South Of 95-64-65
ROCK TYPE: Quartz Diorite With Quartz Veinlets
MINERALIZATION: Pyrite
WIDTH: 30cm STRIKE: N/A DIP: N/A
COMMENTS: West Side Of Vein

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 68

LOCATION: Camp Zone, Trench #1. 2m South Of 95-64-65
ROCK TYPE: Quartz Diorite With Quartz Veinlets
MINERALIZATION: Up To 20% Pyrite
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: Narrow East West Crosscutting Vein Included In Sample.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 69

LOCATION: Camp Zone, Trench #1
ROCK TYPE: Crosscutting Quartz Vein
MINERALIZATION: Weathered Pyrite In Fractures
WIDTH: 20cm STRIKE: 110° DIP: 90° NW
COMMENTS: Farthest East Sample Along Face, Uninteresting Looking Vein?

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 70

LOCATION: Camp Zone, Trench #1. 1m West Of 95-69
ROCK TYPE: Crosscutting Quartz Vein, Main Vein And Quartz Diorite Wall Rock
MINERALIZATION: Heavy Pyrite
WIDTH: 1m Chip E To W STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 71

LOCATION: Camp Zone, Trench #1. 1m West Of 95-70
ROCK TYPE: Quartz Veining Stockwork and Quartz Diorite Host
MINERALIZATION: Heavy Pyrite
WIDTH: 1m Chip STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 72

LOCATION: Camp Zone, Trench #1. 1m West Of 95-71
ROCK TYPE: Quartz Diorite And Quartz Veinlets
MINERALIZATION: Minor Pyrite
WIDTH: 1m Chip STRIKE: N/A DIP: N/A
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 73

LOCATION: Camp Zone, 7m South Of Trench #1
ROCK TYPE: Bull Quartz Vein
MINERALIZATION: Minor Iron Staining
WIDTH: 1m Chip STRIKE: N/A DIP: N/A
COMMENTS: Unsure If Vein Strikes Along Camp Creek 110 ° Or Strikes North.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 74

LOCATION: Camp Zone, 7m South Of Trench #1. 1m West Of 95-73
ROCK TYPE: Heavily Altered Quartz Diorite? And Quartz Vein And Stockworking
MINERALIZATION: Heavy Pyrite !!!
WIDTH: 1m Chip STRIKE: N/A DIP: N/A
COMMENTS: Diotite Strikes 110 °Dips 90 °North, Vein Crosscuts 57 ° Dip Vertical?

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 75

LOCATION: Camp Zone, Trench #2
ROCK TYPE: Quartz Diorite And Quartz Stringers
MINERALIZATION: Pyrite
WIDTH: 2m Chip STRIKE: N/A DIP: N/A
COMMENTS: North Side Of Sample Had More Pyrite Alteration.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 76

LOCATION: Camp Zone, Trench #5?
ROCK TYPE: Quartz Diorite And Quartz Stringers
MINERALIZATION: Pyrite
WIDTH: 2m Chip STRIKE: N/A DIP: N/A
COMMENTS: No Significant Vein, Heavily Silicified

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 77

LOCATION: Camp Zone, 120m East Of Camp In Ursus Creek
ROCK TYPE: Quartz Vein
MINERALIZATION: Pyrite
WIDTH: 10cm STRIKE: 50° DIP: 78° SE
COMMENTS: Quartz Veinlets Within Cataclastic Zone On Island In Creek.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 78

LOCATION: Camp Zone, 120m East Of Camp In Ursus Creek
ROCK TYPE: Quartz Vein Within Cataclastic Zone
MINERALIZATION: Significant Pyrite, Galena? And Clorite
WIDTH: 50cm STRIKE: 58° DIP: 60° SE
COMMENTS:

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 79

LOCATION: Camp Zone, 120m East Of Camp In Ursus Creek
ROCK TYPE: Cataclastic Zone, Between Samples 95-77-78
MINERALIZATION: Pyrite
WIDTH: 20cm STRIKE: N/A DIP: N/A
COMMENTS: Zone Is 2-3m Wide In Creek.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: 95 - 80

LOCATION: Camp Zone, 120m East Of Camp In Ursus Creek
ROCK TYPE: Quartz Vein And Cataclastic Zone
MINERALIZATION: Heavy Pyrite And Minor Pyrite
WIDTH: 50cm STRIKE: N/A DIP: N/A
COMMENTS: Sample Of Cataclastic Zone And Two Parrallel 5cm Quartz Veins.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: S - 95 - 01

LOCATION: Camp Zone, 20m North Of Trench #1
ROCK TYPE: Soil Sample
MINERALIZATION: Light Clay
WIDTH: 5cm STRIKE: N/A DIP: N/A
COMMENTS: 25 cm Down Soil Profile, First Sample After Brown Organic Layer.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: S - 95 - 02

LOCATION: Camp Zone, 20m North Of Trench #1
ROCK TYPE: Soil Sample
MINERALIZATION: Compact Clay
WIDTH: 10cm STRIKE: N/A DIP: N/A
COMMENTS: 35cm Dowm Soil Profile, Second Sample Down Hole.

CLAIM NAME: THUNDERBIRD GROUP SAMPLE NUMBER: S - 95 - 03

LOCATION: Camp Zone, 20m North Of Trench #1
ROCK TYPE: Soil Sample
MINERALIZATION: Iron Rich Soil
WIDTH: 15cm STRIKE: N/A DIP: N/A
COMMENTS: 50cm Down Profile to Bedrock, No Gravel Just Iron Rich Quartz Diorite.

Appendix #2

MOSS-MAT SAMPLE NUMBER M - 95 - 01 CLAIM NAME Thunderbird

COLOR ■ light green ☐ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) 1

THICKNESS (centimeters) 6

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ☐ white-buff ☐ yellow

sand [1] fines [1] organic [2] 0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ☐ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ■ no flow ☐ slow ☐ moderate ☐ fast

CHANNEL BED ☐ bedrock ■ boulders ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ☐ rock ☐ till ■ organic

STREAM TYPE ☐ permanent ■ seasonal

STREAM WIDTH (meters) 2.5

STREAM DEPTH (centimeters) --

COMMENTS: Creek Flowing South At Junction Zone

MOSS-MAT SAMPLE NUMBER M - 95 - 02 CLAIM NAME Thunderbird

COLOR ■ light green ☐ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) 1

THICKNESS (centimeters) 4

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ☐ white-buff ☐ yellow

sand [3] fines [2] organic [2] 0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ■ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ☐ no flow ☐ slow ■ moderate ☐ fast

CHANNEL BED ☐ bedrock ■ boulder ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ☐ rock ☐ till ■ organic

STEAM TYPE ■ permanent ☐ seasonal

STREAM WIDTH (meters) 5

STREAM DEPTH (centimeters) 50

COMMENTS: 430m Elevation In Ursus Creek

MOSS-MAT SAMPLE NUMBER M - 95 - 03 CLAIM NAME Thunderbird

COLOR ■ light green ☐ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) 1.5

THICKNESS (centimeters) 4

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ☐ white-buff ☐ yellow

sand [3] fines [2] organic [1]

0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ■ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ☐ no flow ☐ slow ☐ moderate ■ fast

CHANNEL BED ■ bedrock ■ boulders ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ■ rock ☐ till ☐ organic

STREAM TYPE ■ permanent ☐ seasonal

STREAM WIDTH (meters) 4

STREAM DEPTH (centimeters) 3m

COMMENTS: Junction Creek South Of Camp.

MOSS-MAT SAMPLE NUMBER M - 95 - 04 CLAIM NAME Thunderbird

COLOR ☐ light green ■ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) .5

THICKNESS (centimeters) .5

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ☐ white-buff ☐ yellow

sand [2] fines [2] organic [1]

0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ☐ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ■ no flow ☐ slow ☐ moderate ☐ fast

CHANNEL BED ☐ bedrock ■ boulder ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ☐ rock ☐ till ■ organic

STEAM TYPE ☐ permanent ■ seasonal

STREAM WIDTH (meters) 5

STREAM DEPTH (centimeters) ?

COMMENTS: 890m SE From Camp, Junction Feeder.

MOSS-MAT SAMPLE NUMBER M - 95 - 05 CLAIM NAME Thunderbird

COLOR ☐ light green ■ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) .5

THICKNESS (centimeters) 2

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ☐ white-buff ☐ yellow

sand [1] fines [1] organic [2] 0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ■ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ☐ no flow ■ slow ☐ moderate ☐ fast

CHANNEL BED ☐ bedrock ■ boulders ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ☐ rock ☐ till ■ organic

STREAM TYPE ■ permanent ☐ seasonal

STREAM WIDTH (meters) 1

STREAM DEPTH (centimeters) 10

COMMENTS: 1km SE Of Camp, Junction Feeder

MOSS-MAT SAMPLE NUMBER M - 95 - 06 CLAIM NAME Thunderbird

COLOR ☐ light green ■ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) .2

THICKNESS (centimeters) 1

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ☐ white-buff ☐ yellow

sand [2] fines [2] organic [2] 0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ☐ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ■ no flow ☐ slow ☐ moderate ☐ fast

CHANNEL BED ☐ bedrock ■ boulder ☐ gravel / sand ☐ silt / clay

BANK ■ talus ☐ rock ☐ till ☐ organic

STEAM TYPE ☐ permanent ■ seasonal

STREAM WIDTH (meters) 1

STREAM DEPTH (centimeters) ?

COMMENTS: 1.5Km SE From Camp, Junction Feeder.

MOSS-MAT SAMPLE NUMBER M - 95 - 07 CLAIM NAME Thunderbird

COLOR ☐ light green ■ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) 1

THICKNESS (centimeters) 2

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ■ white-buff ☐ yellow

sand [3] fines [3] organic [1]

0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ■ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ☐ no flow ☐ slow ☐ moderate ■ fast

CHANNEL BED ■ bedrock ☐ boulders ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ☐ rock ☐ till ■ organic

STREAM TYPE ■ permanent ☐ seasonal

STREAM WIDTH (meters) 6

STREAM DEPTH (centimeters) 70

COMMENTS: 1.6Km SE of Camp, Junction Creek

MOSS-MAT SAMPLE NUMBER M - 95 - 08 CLAIM NAME Thunderbird

COLOR ☐ light green ■ dark green ☐ brown black

HOST ■ rock ☐ rock crevice ☐ log ☐ decomposed log

HEIGHT (meters above stream) 1.5

THICKNESS (centimeters) 4

SEDIMENT COLOR ☐ black ☐ grey-blue ☐ olive-green ☐ pink ☐ red ■ tan-brown ■ white-buff ☐ yellow

sand [2] fines [2] organic [1]

0 = absent 1 = minor 2 = moderate 3 = major

WATER COLOR ■ colourless ☐ brown-clear ☐ white-cloudy ☐ brown-cloudy

WATER FLOW ☐ no flow ☐ slow ☐ moderate ■ fast

CHANNEL BED ■ bedrock ■ boulder ☐ gravel / sand ☐ silt / clay

BANK ☐ talus ■ rock ☐ till ☐ organic

STEAM TYPE ■ permanent ☐ seasonal

STREAM WIDTH (meters) 5

STREAM DEPTH (centimeters) 60

COMMENTS: Thunderbird Creek South Of Camp.

Appendix #3

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Simon Salmon File # 95-2879 Page 1

2 - 1157 McClure St., Victoria BC V8V 3G3

SAMPLE#	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Ca %	Co PPM	Cr PPM	Cs PPM	Fe %	Hf PPM	Hg PPM	Ir PPB	Mo PPM	Na %	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sn %	Sr %	Ta PPM	Th PPM	U PPM	W PPM	Zn PPM	La PPM	Ce PPM	Nd PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM
95-01	18900	<5	6400	<100	<1	<1	<5	<10	<2	1.78	<1	<1	<5	<5	.14	<50	<30	.3	1.6	<5	<.01	<.05	<1	<.5	<.5	<4	250	3	<3	<5	.5	<.2	<.5	<.2	<.05
95-02	12100	<5	3700	<100	<1	<1	<5	<10	<2	1.56	2	<1	<5	<5	.10	<50	<30	<.2	2.8	<5	<.01	<.05	<1	2.5	<.5	7	92	7	10	<5	.9	.8	<.5	.4	<.05
95-03	2800	<5	3900	560	<1	<1	5	36	<2	2.93	3	<1	<5	<5	.64	<50	<30	<.2	5.9	<5	<.01	<.05	<1	4.2	<.5	9	<50	16	25	12	2.0	<.2	<.5	1.8	.52
95-04	8610	<5	3000	230	<1	<1	<5	<10	<2	1.17	<1	<1	<5	<5	.07	<50	<30	<.2	1.8	<5	<.01	<.05	<1	1.9	3.1	10	119	4	7	15	.4	<.2	1.2	.6	.18
95-05	688	<5	2600	610	<1	<1	<5	22	<2	2.27	3	<1	<5	<5	.93	<50	<30	<.2	5.5	<5	<.01	<.05	<1	1.0	<.5	<4	82	15	27	14	1.8	<.2	<.5	1.8	.36
95-06	597	<5	3900	520	<1	<1	6	<10	<2	2.57	<1	<1	<5	<5	1.88	<50	<30	<.2	6.6	<5	<.01	<.05	<1	3.6	<.5	<4	<50	17	37	29	2.4	<.2	<.5	1.3	.43
95-07	328	<5	2600	520	<1	<1	<5	<10	<2	2.51	3	<1	<5	<5	2.75	<50	<30	.5	7.1	<5	<.01	<.05	<1	5.2	<.5	<4	<50	17	30	13	2.4	.9	<.5	2.3	.42
95-08	13300	<5	6000	550	<1	<1	<5	<10	<2	2.22	<1	<1	<5	<5	.19	<50	<30	<.2	4.0	<5	<.01	<.05	<1	1.1	<.5	9	362	9	22	11	1.2	<.2	<.5	.9	.15
95-09	259	<5	1500	590	<1	<1	<5	<10	<2	2.13	3	<1	<5	<5	2.15	<50	<30	<.2	6.3	<5	<.01	<.05	<1	3.7	<.5	8	126	16	36	18	2.1	<.2	<.5	1.5	.45
95-10	575	<5	3400	790	<1	<1	<5	<10	<2	1.86	4	<1	<5	<5	1.67	<50	<30	<.2	5.9	<5	<.01	<.05	<1	4.4	<.5	13	<50	15	41	16	2.0	<.2	<.5	.9	.18
95-12	1080	<5	160	950	<1	<1	5	16	<2	3.31	2	<1	<5	<5	1.70	<50	<30	2.2	9.9	<5	<.01	<.05	<1	4.6	<.5	9	<50	16	28	16	2.5	.9	<.5	2.3	.37
95-13	3920	<5	100	<100	<1	<1	<5	15	<2	.62	<1	<1	<5	<5	<.05	<50	<30	4.1	.5	<5	<.01	<.05	<1	.5	<.5	<4	<50	<1	<3	<5	.1	<.2	<.5	<.2	<.05
95-14	57	<5	220	340	<1	<1	<5	<10	<2	2.39	3	<1	<5	<5	3.35	<50	72	2.6	6.2	<5	<.01	<.05	<1	3.9	<.5	<4	<50	14	26	13	2.0	<.2	<.5	1.8	.32
95-16	536	<5	2700	310	<1	<1	11	280	<2	2.71	<1	<1	<5	<5	.25	<50	45	.4	11.0	<5	<.01	<.05	<1	<.5	<.5	12	<50	5	<3	<5	.9	<.2	<.5	<.2	.14
95-17	22	<5	29	400	<1	<1	5	13	<2	2.34	3	<1	<5	<5	3.80	<50	<30	.9	6.9	<5	<.01	<.05	<1	4.0	2.0	<4	<50	15	27	14	2.0	.7	<.5	2.1	.37
95-18	6270	<5	140	<100	<1	<1	<5	38	<2	1.36	<1	<1	<5	5	<.05	<50	<30	5.0	1.2	<5	<.01	<.05	<1	<.5	1.1	4	60	<1	<3	<5	<.1	<.2	<.5	<.2	<.05
95-19	27	<5	28	800	<1	6	6	12	<2	3.21	2	<1	<5	6	1.53	<50	<30	1.4	7.6	<5	<.01	<.05	<1	2.7	1.4	7	<50	11	23	<5	2.0	.8	<.5	1.9	.30
95-20	13	<5	5	500	<1	<1	<5	12	<2	2.02	<1	<1	<5	13	2.57	<50	58	1.3	7.9	<5	<.01	<.05	<1	3.7	<.5	<4	<50	17	38	14	2.4	.7	<.5	1.9	.33
95-21	72	<5	8	<100	<1	<1	<5	11	<2	.62	<1	<1	<5	7	.09	<50	<30	1.6	.6	<5	<.01	<.05	<1	<.5	<.5	<4	<50	<1	3	<5	.2	<.2	<.5	<.2	<.05
95-22	40	<5	7	470	2	<1	<5	12	<2	1.84	3	<1	<5	<5	2.29	<50	91	1.1	5.7	<5	<.01	<.05	<1	3.3	<.5	6	<50	15	32	9	2.1	.7	<.5	1.4	.24
95-23	220	<5	10	370	<1	<1	6	<10	<2	2.45	3	<1	<5	<5	2.96	<50	<30	1.1	6.9	<5	<.01	<.05	<1	4.9	<.5	10	<50	16	29	16	2.3	<.2	<.5	1.9	.36
95-24	28	<5	5	740	<1	<1	<5	11	<2	2.15	2	<1	<5	8	2.27	<50	<30	1.0	6.7	<5	<.01	<.05	<1	3.9	<.5	9	98	16	32	17	2.4	.7	<.5	1.8	.39
95-25	<5	<5	5	290	1	<1	<5	11	<2	2.59	3	<1	<5	<5	2.78	<50	51	1.3	8.0	<5	<.01	<.05	<1	3.4	2.5	<4	<50	14	33	18	2.1	.6	<.5	1.9	.30
95-26	<5	<5	4	280	<1	<1	<5	<10	<2	1.73	3	<1	<5	<5	.68	<50	57	5.5	3.9	<5	<.01	<.05	<1	3.1	1.5	<4	<50	19	38	12	2.1	.7	<.5	1.6	.31
95-27	<5	<5	7	360	<1	<1	22	23	<2	5.88	2	<1	<5	<5	2.17	<50	<30	1.5	26.0	<5	<.01	<.05	<1	1.4	<.5	<4	130	11	26	13	2.8	1.0	1.1	2.6	.35
95-29	17	<5	3	370	<1	<1	<5	13	<2	2.12	3	<1	<5	<5	3.28	<50	<30	.6	5.8	<5	<.01	<.05	<1	4.6	2.0	<4	<50	17	32	14	2.1	.7	<.5	1.7	.31
95-30	25	<5	9	570	<1	2	7	<10	<2	3.24	2	<1	<5	9	.87	<50	76	1.2	10.0	<5	<.01	<.05	<1	3.2	<.5	8	99	14	28	11	2.2	.8	<.5	2.0	.36
95-31	2110	<5	150	690	<1	<1	7	<10	<2	3.14	3	<1	<5	9	1.72	<50	<30	1.9	11.0	<5	<.01	<.05	<1	4.1	2.8	22	<50	17	35	11	2.5	.9	.5	2.2	.40
95-32	1780	<5	39	350	<1	<1	<5	13	<2	1.96	2	<1	<5	<5	.23	<50	<30	1.6	5.9	<5	<.01	<.05	<1	2.5	1.4	22	<50	13	25	8	1.5	<.2	<.5	1.3	.21
95-33	<5	<5	<2	<100	<1	<1	6	<10	<2	2.38	3	<1	<5	<5	3.07	190	69	.6	6.5	<5	<.01	<.05	<1	3.7	<.5	<4	<50	13	28	9	2.0	.7	<.5	1.7	.31
95-34	34	<5	35	270	<1	2	<5	14	<2	1.66	2	<1	<5	<5	3.35	<50	<30	.9	5.3	<5	<.01	<.05	<1	3.9	2.1	<4	<50	13	26	<5	1.7	.5	<.5	1.5	.27
95-35	<5	<5	3	580	<1	<1	<5	10	<2	2.49	3	<1	<5	<5	1.79	<50	73	1.2	7.2	<5	<.01	<.05	<1	3.3	1.6	<4	<50	13	32	19	2.0	.8	<.5	1.8	.37
95-36	<5	<5	2	280	<1	<1	<5	<10	<2	2.27	3	<1	<5	<5	2.93	<50	<30	.4	5.1	<5	<.01	<.05	<1	3.3	1.3	<4	<50	13	26	11	1.8	.7	<.5	1.5	.27
95-37	28	<5	2	<100	<1	<1	<5	11	<2	2.23	<1	<1	<5	<5	<.05	<50	<30	3.2	1.1	<5	<.01	<.05	<1	<.5	<.5	<4	<50	2	5	<5	.4	.3	<.5	.4	.08

ANALYSED BY INAA.
- SAMPLE TYPE: P1 TO P4 ROCK P5 SOIL P6 MOSS MAT

DATE RECEIVED: AUG 14 1995 **DATE REPORT MAILED:** Sept 22/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Ca %	Co PPM	Cr PPM	Cs PPM	Fe %	Hf PPM	Hg PPM	Ir PPB	Mo PPM	Na %	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sn %	Sr %	Ta PPM	Th PPM	U PPM	W PPM	Zn PPM	La PPM	Ce PPM	Nd PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM
95-38	<5	<5	<2	420	1	<1	<5	10	<2	2.15	2	<1	<5	<5	2.13	<50	66	1.4	5.8	<5	<.01	<.05	<1	3.8	<.5	8	<50	14	31	11	1.9	<.2	<.5	1.4	.26
95-39	40	<5	5	<100	<1	<1	<5	<10	<2	2.23	3	<1	<5	<5	2.82	<50	<30	.7	6.1	<5	<.01	<.05	<1	3.1	<.5	<4	<50	15	29	10	2.2	.7	<.5	1.9	.31
95-40	22	<5	3	420	<1	<1	5	<10	<2	2.55	3	<1	<5	<5	3.01	<50	63	.9	7.1	<5	<.01	<.05	<1	4.3	1.5	<4	<50	22	36	14	3.0	1.3	<.5	2.3	.38
95-41	150	<5	8	<100	<1	<1	<5	<10	<2	2.12	3	<1	<5	<5	4.01	<50	<30	.6	6.3	<5	<.01	<.05	<1	4.6	2.5	<4	89	15	28	10	2.1	.6	<.5	1.7	.31
95-42	<5	<5	3	350	<1	<1	<5	<10	<2	2.04	3	2	<5	<5	3.64	<50	<30	.5	6.1	<5	<.01	<.05	2	3.3	2.3	<4	<50	15	28	10	1.9	.6	.6	1.7	.32
95-43	<5	<5	9	270	<1	<1	<5	10	<2	2.14	3	<1	<5	6	2.58	<50	<30	.8	5.9	<5	<.01	<.05	<1	3.5	<.5	<4	<50	16	37	11	2.1	.7	<.5	1.6	.29
95-44	<5	<5	<2	530	<1	<1	<5	<10	<2	1.67	3	<1	<5	<5	2.94	<50	<30	.6	5.6	<5	<.01	<.05	2	3.6	<.5	<4	<50	14	25	9	1.8	<.2	<.5	1.3	.25
95-45	<5	<5	<2	590	<1	<1	5	<10	<2	2.13	3	<1	<5	<5	3.22	<50	<30	.6	6.0	<5	<.01	<.05	<1	4.6	<.5	<4	<50	16	35	9	2.1	.5	<.5	1.6	.30
95-46	360	<5	51	390	<1	<1	5	<10	<2	2.47	2	<1	<5	<5	2.74	<50	<30	1.0	7.1	<5	<.01	<.05	<1	3.0	2.2	8	<50	13	30	12	2.2	.6	<.5	1.8	.30
95-47	350	<5	45	270	<1	<1	6	11	<2	2.27	3	<1	<5	7	2.97	<50	<30	1.0	6.4	<5	<.01	<.05	<1	3.3	<.5	8	<50	13	26	9	2.0	.6	<.5	1.5	.28
95-48	11	<5	15	780	<1	<1	<5	<10	<2	2.19	4	<1	<5	<5	3.17	120	<30	.9	6.1	<5	<.01	<.05	2	4.1	1.2	<4	<50	16	31	10	1.9	<.2	<.5	1.7	.27
95-49	34	<5	13	<100	<1	<1	<5	13	<2	.73	<1	<1	<5	10	.17	<50	<30	3.4	.7	<5	<.01	<.05	<1	<.5	<.5	2100	107	2	<3	<5	.3	<.2	<.5	<.2	<.05
95-50	23	<5	28	220	<1	<1	<5	12	<2	2.15	4	<1	<5	<5	3.80	<50	<30	1.5	6.0	<5	<.01	<.05	<1	4.1	<.5	26	<50	15	25	13	1.7	.5	<.5	1.4	.24
95-51	92	<5	10	190	<1	<1	<5	15	<2	1.07	<1	<1	<5	13	.43	<50	<30	4.5	1.3	<5	<.01	<.05	<1	<.5	<.5	510	140	2	6	6	.6	.3	<.5	.7	.13
95-52	59	<5	20	190	<1	<1	<5	<10	<2	1.93	3	<1	<5	<5	3.47	170	<30	2.8	4.2	<5	<.01	<.05	<1	3.1	1.2	81	<50	13	24	12	2.0	.6	<.5	1.4	.22
95-53	120	<5	11	<100	<1	<1	<5	12	<2	1.19	<1	<1	<5	8	.35	<50	<30	3.3	1.2	<5	<.01	<.05	<1	.8	.9	48	<50	2	5	<5	.3	<.2	<.5	.3	.07
95-54	17	<5	11	<100	<1	<1	<5	<10	<2	1.03	<1	<1	<5	7	.49	<50	<30	3.1	.9	<5	<.01	<.05	<1	.6	<.5	120	87	2	5	<5	.3	<.2	<.5	.3	.06
95-55	24	<5	15	<100	<1	<1	<5	<10	<2	1.22	2	<1	<5	7	2.89	<50	<30	1.7	2.4	<5	<.01	<.05	<1	1.9	1.9	86	84	7	14	8	1.0	<.2	<.5	.8	.10
95-56	7	<5	3	420	<1	<1	<5	17	<2	2.09	3	<1	<5	6	3.46	<50	<30	.6	5.9	<5	<.01	<.05	<1	3.8	2.0	<4	<50	17	36	17	2.3	.7	<.5	2.1	.35
95-57	<5	<5	110	740	<1	<1	<5	<10	<2	.81	3	<1	<5	<5	2.36	<50	<30	1.2	3.2	<5	<.01	<.05	<1	7.9	4.9	<4	<50	18	41	12	2.4	.5	<.5	3.1	.60
95-58	9	<5	240	610	<1	<1	<5	<10	<2	1.83	3	<1	<5	<5	2.72	<50	74	1.7	5.3	<5	<.01	<.05	<1	4.6	1.7	<4	107	16	31	10	2.2	.7	<.5	1.9	.32
95-60	860	<5	68	490	<1	<1	7	<10	<2	3.42	3	<1	<5	6	.72	<50	76	1.5	13.0	<5	<.01	<.05	<1	3.4	<.5	38	<50	17	38	9	2.9	.9	<.5	2.1	.38
95-61	490	<5	50	440	<1	<1	<5	<10	<2	3.25	2	<1	<5	<5	.41	<50	53	1.3	7.2	<5	<.01	<.05	<1	6.3	1.9	8	<50	19	42	15	2.4	.5	<.5	2.1	.29
95-62	1000	<5	54	600	<1	<1	5	<10	<2	2.08	3	<1	<5	7	.41	<50	57	1.3	7.4	<5	<.01	<.05	<1	3.7	<.5	46	<50	24	46	20	3.0	1.4	<.5	1.9	.38
95-63	27	<5	5	730	<1	<1	<5	13	<2	1.98	3	<1	<5	8	1.97	<50	<30	4.2	6.9	<5	<.01	<.05	<1	4.1	<.5	<4	<50	17	37	8	2.5	.7	<.5	1.9	.38
95-65	58	<5	<2	850	<1	<1	<5	<10	<2	1.67	3	<1	<5	<5	2.09	<50	<30	3.7	6.3	<5	<.01	<.05	<1	5.4	2.2	<4	<50	20	39	13	2.7	.6	<.5	2.4	.38
95-66	1220	9	9	350	<1	<1	<5	<10	<2	1.34	<1	<1	<5	10	1.86	<50	33	11.0	4.6	<5	<.01	<.05	<1	2.8	<.5	6	<50	15	31	13	1.8	.6	<.5	1.4	.27
95-67	2390	<5	4	430	<1	<1	<5	<10	<2	2.01	3	<1	<5	6	2.65	<50	<30	1.1	5.5	<5	<.01	<.05	<1	3.2	1.5	<4	<50	15	27	9	1.7	.6	<.5	1.5	.25
95-68	846	<5	4	770	<1	<1	<5	<10	<2	2.18	3	<1	<5	<5	2.39	<50	58	1.2	5.8	<5	<.01	<.05	<1	3.9	<.5	5	<50	16	29	13	1.9	.5	<.5	1.6	.33
95-69	320	<5	4	220	<1	<1	<5	11	<2	.83	<1	<1	<5	<5	.08	<50	<30	1.8	1.6	<5	<.01	<.05	<1	.7	.6	4	<50	3	4	<5	.3	<.2	<.5	.4	.06
95-70	250	<5	18	540	<1	<1	<5	11	<2	1.92	2	<1	<5	<5	.19	<50	<30	1.7	3.3	<5	<.01	<.05	<1	1.7	<.5	4	<50	8	16	<5	1.1	.3	<.5	1.0	.16
95-71	1020	<5	9	260	<1	<1	<5	<10	<2	2.93	1	<1	<5	11	1.05	<50	<30	4.7	3.2	<5	<.01	<.05	<1	2.2	<.5	5	<50	9	23	6	1.1	.3	<.5	.8	.18
95-72	1100	<5	5	490	<1	<1	<5	<10	<2	2.73	2	<1	<5	11	2.09	<50	<30	1.3	5.7	<5	<.01	<.05	<1	3.1	<.5	<4	<50	15	34	13	1.8	.5	<.5	1.6	.34
95-73	43	<5	4	160	<1	<1	<5	<10	<2	.88	<1	<1	<5	<5	<.05	<50	<30	1.1	1.1	<5	<.01	<.05	<1	.7	<.5	<4	<50	2	5	<5	.3	<.2	<.5	.3	<.05

Sample type: ROCK.

SAMPLE#	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Ca %	Co PPM	Cr PPM	Cs PPM	Fe %	Hf PPM	Hg PPM	Ir PPB	Mo PPM	Na %	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sn %	Sr %	Ta PPM	Th PPM	U PPM	W PPM	Zn PPM	La PPM	Ce PPM	Nd PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM
95-74	106	<5	20	930	<1	<1	<5	<10	<2	2.56	3	<1	<5	<5	1.08	<50	<30	1.9	7.4	<5	<.01	<.05	<1	2.3	<.5	9	<50	16	32	7	2.1	.6	<.5	2.0	.33
95-75	8	<5	<2	530	<1	<1	<5	<10	<2	1.87	3	<1	<5	<5	2.96	<50	<30	.5	6.4	<5	<.01	<.05	<1	3.7	3.1	<4	<50	17	34	13	1.9	.8	<.5	1.9	.34
95-76	66	<5	<2	340	<1	<1	<5	<10	<2	2.32	3	<1	<5	<5	2.93	<50	<30	.8	4.5	<5	<.01	<.05	<1	2.6	<.5	4	<50	12	24	13	1.3	.5	<.5	1.1	.19
95-77	28	<5	<2	<100	<1	<1	<5	12	<2	.88	<1	<1	<5	<5	.54	<50	<30	.9	1.8	<5	<.01	<.05	<1	1.3	<.5	<4	<50	5	9	<5	.6	.2	<.5	.6	.12
95-78	20	<5	<2	<100	<1	10	<5	<10	<2	1.18	<1	<1	<5	<5	<.05	<50	<30	2.0	.4	<5	<.01	<.05	<1	<.5	<.5	<4	<50	3	6	<5	.4	1.3	<.5	.2	<.05
95-79	<5	<5	3	520	<1	3	<5	<10	<2	1.68	3	2	<5	<5	2.34	<50	<30	.8	5.7	7	<.01	<.05	<1	3.7	<.5	<4	<50	19	37	17	2.2	.6	<.5	1.2	.23
95-80	<5	<5	<2	410	<1	5	<5	<10	<2	2.05	2	<1	<5	<5	1.64	<50	55	.5	5.1	<5	<.01	<.05	<1	2.9	1.3	<4	<50	13	27	9	1.8	.9	<.5	1.7	.34

Sample type: ROCK.

SAMPLE#	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Ca %	Co PPM	Cr PPM	Cs PPM	Fe %	Hf PPM	Hg PPM	Ir PPB	Mo PPM	Na %	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sn %	Sr %	Ta PPM	Th PPM	U PPM	W PPM	Zn PPM	La PPM	Ce PPM	Nd PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM
95-11	3920	<5	4200	450	<1	<1	<5	370	<2	1.97	1	<1	<5	<5	.10	150	<30	.9	2.8	<5	<.01	<.05	<1	2.0	<.5	7	87	6	11	<5	.7	.7	<.5	1.0	<.05
95-15	2250	17	78	150	<1	<1	<5	540	<2	1.47	<1	<1	<5	12	<.05	<50	<30	5.2	1.0	<5	<.01	<.05	<1	<.5	<.5	<4	305	<1	<3	<5	<.1	<.2	<.5	<.2	<.05
95-28	29	<5	22	220	<1	<1	<5	240	<2	2.03	3	<1	<5	22	3.41	<50	<30	1.2	5.6	<5	<.01	<.05	<1	3.8	<.5	<4	222	14	41	20	1.6	<.2	<.5	1.4	.25
95-59	1920	<5	54	490	<1	8	<5	140	<2	1.81	2	<1	<5	<5	.32	<50	63	1.9	6.0	<5	<.01	<.05	<1	3.0	<.5	130	79	13	24	<5	1.9	.8	<.5	2.0	.26
95-64	53	<5	10	190	<1	<1	<5	350	<2	1.36	1	<1	<5	12	.97	<50	<30	9.0	2.9	<5	<.01	<.05	<1	1.5	<.5	<4	<50	8	18	<5	.9	<.2	<.5	.8	.20

Sample type: ROCK.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

2 - 1157 McClure St., Victoria BC V8V 3G3

SAMPLE#	-100 gm	+100 gm	-100Au opt	+100Au opt	TotAu opt
95-11	513	22.4	.119	.342	.129
95-15	515	13.7	.065	.056	.065
95-28	544	20.3	.003	.073	.006
95-59	584	16.7	.048	.063	.048
95-64	568	15.9	.002	.002	.002

-100 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FRPM -100 MESH. +100 AU - TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: P1 TO P4 ROCK P5 SOIL P6 MOSS MAT

DATE RECEIVED: AUG 14 1995 **DATE REPORT MAILED:** Sept 11/95 **SIGNED BY:** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Simon Salmon File # 95-2879 Page 5

2 - 1157 McClure St., Victoria BC V8V 3G3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
S-95-01	.4	1.6	1.0	2.7	<30	1	1	42	.56	1.0	<5	1	2	.02	<.2	<.1	12	.01	.007	22	1	.02	10	<.01	2	.26	<.01	.02	4	.1	8	<.3	.1	2.3	29
S-95-02	.6	2.2	1.3	2.7	42	<1	2	28	.57	1.3	<5	1	1	.02	.3	<.1	15	.01	.006	17	1	.01	5	<.01	<2	.36	.01	.01	3	.1	<5	<.3	<.1	2.9	96
S-95-03	1.5	4.5	1.7	4.5	<30	1	3	60	1.71	2.5	<5	1	1	.03	.3	.1	37	.01	.009	14	2	.02	10	.01	<2	.97	<.01	.01	3	.1	12	<.3	<.1	6.7	53

ICP - 30 GRAM SAMPLE IS DIGESTED WITH 180 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP.
- SAMPLE TYPE: P1 TO P4 ROCK P5 SOIL P6 MOSS MAT AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

DATE RECEIVED: AUG 14 1995 DATE REPORT MAILED: Sept 11/95 SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
M-95-01	2.4	15.3	7.3	56.7	115	4	8	1888	2.28	5.3	<5	1	32	.52	.2	.1	32	1.04	.071	8	6	.57	128	.02	4	2.15	.01	.05	4	.1	248	1.7	.1	3.4	143
M-95-02	1.0	24.4	5.6	53.6	76	13	11	905	2.90	7.3	<5	2	17	.20	.4	.1	42	.37	.042	9	17	.90	109	.05	3	1.50	<.01	.04	3	.1	68	.3	.1	4.4	66
M-95-03	1.8	9.5	6.4	30.0	90	3	9	553	4.04	18.3	<5	5	11	.08	.3	.1	49	.40	.051	9	5	.55	66	.06	2	.94	.01	.06	4	.1	45	<.3	.1	3.4	582
M-95-04	1.2	4.1	13.4	28.6	39	3	6	5632	1.54	5.1	<5	<1	9	.12	.2	<.1	16	.38	.092	5	3	.33	92	.01	2	.93	<.01	.08	2	.2	693	.3	.1	2.6	22
RE M-95-03	1.6	8.8	7.2	29.0	78	3	8	607	3.70	17.6	<5	4	10	.07	.3	.1	44	.38	.048	9	4	.53	62	.06	3	.91	<.01	.06	4	.1	52	<.3	.1	3.2	190
M-95-05	1.7	8.6	9.4	28.2	104	2	3	1732	1.17	7.6	12	1	56	.40	.3	<.1	10	1.53	.098	22	5	.19	150	.01	5	2.11	.01	.14	4	.1	311	3.1	<.1	2.0	5
M-95-06	2.6	10.2	7.2	38.6	101	5	6	2048	1.88	2.9	<5	1	31	.48	.3	.1	18	.70	.072	13	4	.44	152	.01	4	1.42	<.01	.10	3	.1	194	1.0	.1	2.9	4
M-95-07	1.1	7.5	5.7	32.4	46	3	5	479	2.15	4.0	<5	3	10	.05	.3	.1	25	.30	.032	7	4	.60	87	.05	<2	.97	.01	.06	2	.1	28	<.3	<.1	3.0	5
M-95-08	.8	18.5	4.1	35.2	36	5	9	617	3.58	4.9	<5	3	16	.08	.3	<.1	73	.59	.049	7	11	.83	58	.09	4	1.46	.01	.04	2	.1	48	.4	.1	5.5	8
STANDARD D/AU-S	23.8	121.3	79.8	250.5	1894	28	13	983	3.98	75.6	17	19	54	2.34	8.8	22.1	65	.63	.089	17	49	1.10	226	.13	24	2.27	.05	.73	19	2.0	428	1.0	1.8	6.5	52

Sample type: MOSS MAT. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.