469

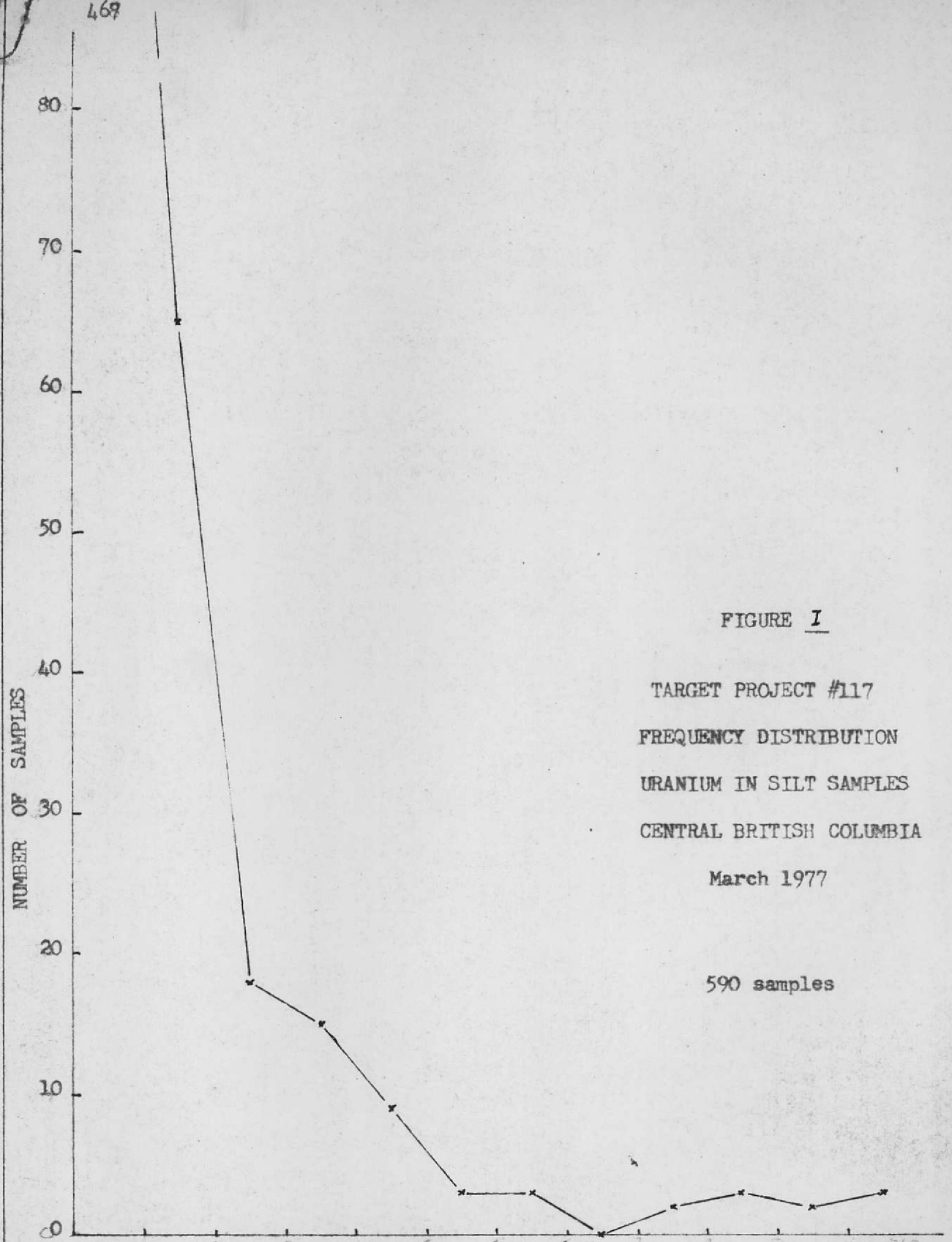

FIGURE I

TARGET PROJECT #117

FREQUENCY DISTRIBUTION

URANIUM IN SILT SAMPLES

CENTRAL BRITISH COLUMBIA

March 1977

590 samples

SET 1

93F/9 FINGER LAKE Jan 1977

Crew: G. Bacon NBC Syndicate 1969

Photos

Target: Air mag high over hematite zone with breccia.

Results: Soil and silt samples were run for Cu only. No anomalies. No mineral other than hematite.

Recommendation: Run all samples for Zn, U. Should add Ag? (yes!)

Sample No.	Certificate	Date
W9 - W26	3917	June 13, 1969
A20 - A69	3916, 3917	June 13, 1969

No anomalous Zn U

SET 1

93F/14 CAMP LAKE 93F/14E Jan 1977

Crew: S.B. McBeath NBC Syndicate 1969

Photos: BC 1693 3-7 BC 1813 75-79

Target: Air mag lows in area of prospecting by others.

Results: Relatively high zinc results were obtained from samples run for Cu, Zn. Fair alteration and pyrite mineralization was noted. Also extensive rhyolite.

Notes: The rhyolite may be part of tertiary volcanism. Sediments and tuffs of tertiary age here should be checked for U. (conversation with J. McDougall 1976).
Pyrite might carry gold.
Mag lows appear to coincide with Zn highs.

Recommendation: Run samples for U, As, Ag.

Sample No.	Certificate	Date
Z 783 - Z 800		
Z 925 - Z 957		

Certificates cannot be found. Probably in the vicinity of certificate 6052 Sept 5 1969.

SET1

93F/14 CAMP LAKE Feb 1977

Samples listed were reported on certificates 39386, 387.

Silver and arsenic results indicate two populations.

Populations	Sample No.	Arithmetic Mean As	Ag	U	Range As	Ag	U
Population 1	Z783-939	13.90	1.22	0.77 0.56	4-65	<0.5-3.0	<0.5-4.0
Population 2	Z940-957	2.88	0.44	1.12 or 1.77 2.89 3.50 including erratic high	1-7	<0.5-2.5	<0.5-4.0 one of 33 ppm

Allowed 0.3 for all values of <0.5 or <4.0

Population 1 however, includes samples Z787-790 which total 11.0 ppm U of the 25.7 total for the sample group. Hence, Population 1 Uranium range may really be 0-2.5 amd the arithmetic mean 0.50 ppm. Population 2 then would range 0-33 ppm with an arithmetic mean of 1.77 ppm without the high of 33 ppm or 3.50 ppm including the high.

Population 2 is in the vicinity of rhyolitic volcanics and consists of the only samples available close to that formation.

Need 1" - ½mile base map to start plotting new program.

TARGET PROJECT SET # 2

93G/5W Batnuni Lake Jan 1977

Crew: Not previously checked.

Photos: BC 5218-48, 14; BC 5194-157.

Target: Originally small intrusive bodies.
Check area for Tertiary sediments, lignite, bitumen, uranium.
Ag, U.

SET 2

93G/12W Cluculz Creek Jan 1977

Crew: McBeath and Stevenson LUC Synd 1971

Photos: BC 5194 - 168,169; 194-196.

Target: Granite intrusives of moderately flat magnetic expression gave scattered anomalous molybdenum results in fall 1971 which were checked by the same crew in spring 1972. Check samples gave similar Mo results but no alteration or mineralization of interest was found. Location of samples is questionable in detail.

Recommendation: Run samples for Zn, W and U.

Sample No.	Certificete	Date
Z 1159	16546	Sept 22, 1971
Z 1301-1306	16546-547	Sept 22, 1971
Z 1307-1309	16655	Sept 29, 1971
Z 1180-1183	16654	Sept 29, 1971
Z 81-92	17343	June 14, 1972
Z 116-119	17344	June 14, 1972

SET 2

93G/6W | Chilako River | Jen 1977

Crew: McBeath & Steveneon LUC Synd 1971

Photos: BC 5193 - 51, 52, 53; BC 5177, 220, 222; 180, 181.

Target: Granitic Intrusives minor chalcopyrite, Float with Malachite reported, Cherty sediments of Cache Creek Group contein pyrite.

Recommendation: Run silts for Zn to check old sediments and for U, Ag to check granites and possible Tertiary deposits. Zn, W, Ag, U.

Sample No.	Certificates	Date
Z 1163-1166	16654	Sept 29, 1971
Z 1192,1193	16655	Sept 29, 1971
Z 1315-1334	16655	Sept 29, 1971
Z 1368,1369	16792	Oct 19, 1971
Z 1194-1200	16791	Oct 19, 1971

Chileko River | Feb 1977

Samples were run for Zn, W, U, Ag.

No significent velues were obteined.

Set 2

Sets 2&3

93G/12W Cluculz Creek Feb 1977

Samples were run for Zn, W, U.

The area anomalous for Mo gave W values in the range <4 to 8 ppm.

The same creeks gave U values from <0.5 to 10 ppm, though in general the U values occur south of the Mo, W values. Similar U values occur south of the logging road in an area not anomalous for other elements tested.

Recommend: The area should be checked with a scintilometer. U values appear to be in granitic rocks which are in part gneissic.

SET 2

93G/5E Tagai Lake Jan 1977

Crew: J.P. Stevenson LUC Synd 1971

Photo: BC 5195-65

Target: Granite intrusive checked for Cu, Mo; Nil results.
Intrusive is located in magnetically flat area between Cache Creek sediments to east end tertiery sediments and volcanics to west.

Recommendation: Check silts for Zn, Ag, U.

Sample No.	Certificate	Date
Z 1185-1190	16654	Sept 29, 1971
Z 1349-1354	16656	Sept 29, 1971

Set #2

Tagai Lake Feb 1977

Samples were run for Zn, Ag, U.

No significant velues were obtained.

Set 2

93G/11W **Bobtail Mountain** Jan 1977

Crew: McBeath Stevenson LUC Synd 1971

Photo: BC 5177 170-172; 230-232; 247, 248

Target: Granite intrusive in vicinity of asbestos bearing ultra basics.
Samples were run for Cu, Mo, no anomalies.

Recommendation: Run samples for Zn, W, U.

Sample No.	Certificate	Date
Z 1143-1146	16546	Sept. 22, 1971
Z 1160	16654	Sept. 29, 1971
D 56, 57	16653	Sept. 29, 1971

Bobtail Mountain Feb 1977

Samples were run for Zn, W, U.

No significant values were obtained.

SET 2

93G/12E Nelteeby Lake Jen 1977

Crew: McBeath, Stevenson, LUC Synd 1971

Photos: BC 5180 31,32
5195 24-29; 57-60

Terget: Grenite intrusive with NE trending magnetic expression - possible fault as one target end a mag low as second terget.
The meg low wee not covered.
Minor Mo velues were noted in the vicinity of the possibls feult.
Cache Creek sediments were noted including limestone.

Recommendation: Run samples for Zn, W and U.

Sample No.	Certificetee	Bete
Z 1132-1142	16546	Sept 22, 1971
1152-1162	16654	Sept 29, 1971
1170-1179	16654	Sept 29, 1971
Z 1335-1348	16655,16656	Sept 29, 1971
1355-1367	16791,16792	Oct 19, 1971
D 59-61	16653	Sept 29, 1971

SET 2

93G/12E Naltesby Lake Feb 1977

Samples from Set #2 were run for Zn, W, U.

Two scattered values of 6 and 9 ppm W are not reflected in other elements and are not important.

U values up to 10 ppm occur in granite areas. No outcrops of tertiary age are indicated.

Recommend: Scintilometer check should be made at the same time as Cluculz Creek 93G/12W. These anomalous areas are underlain by granitic rocks. A north east trending zone of Endeko Group andesite-basalt flows occurs between the two areas. More silt samples should be taken.

SET 2-

93G/3W Blackwater River Jan 1977

Crew: McBeeth and Stevenson LUC Synd 1971

Photos: BC 5193-041

Target: Intrusives - Samples were run for Cu, Mo.
Area drilled during progrem by Rio Tinto(?).
No copper or moly enomelies were loceted.

Recommendetion: Tertiery deposits in aree. Run for U, Ag.
Cache Creek eediments in area. Run for Zn.

Samples No.	Certificate	Dete
Z 1370 - 1375	16792	Oct 19, 1971
Z 1406 - 1410	16792,793	Oct 19, 1971

Blackwater River Feb 1977

Samples were run for Zn, W, U.

No significent values were obtained.

SE 7 2

93G/2E Fraser River Jan 1977

Crew: McBeath and Stevenson LUC Synd 1971

Photos: BC 5071-184; 5179-210

Target: Intrusive and air mag structure on both sides Fraser River. Cherts noted east of river.

Geochem: Samples were run for Cu, Mo. Slight increase in both east of river on photo 5179-210

Recommendation: Run Samples for Pb, Zn, W, U.

Sample No.	Certificate	Date
D 75-81	16791	Oct. 19, 1971
Z 1377-1390	16792	Oct. 19, 1971
Z 1411-1422	16793	Oct. 19, 1971

93G/2E Fraser River Feb 1977

No significant values were obtained.

Check results for W

5212

93G/7W **Fraser River** Feb 1977

Those samples listed under Fraser River Set #2 includs some on Photo BC 5179-210 on this map sheet.

For those samples which originally showed a slight increase in Cu there is a similar slight increase in Zn. These values are not significant in themselves.

Samples Z 1411, Z 1412 were anomalous for Mo and also show values of 10 and 18 ppm W.

Sample Z 1390 is about a mile to the north and ran 3ppm, Mo, 11ppm W.

Sample Z 1389 between these locations ran 102 Cu, 0 Mo, 202 Zn, <4W.

There are no U values.

Recommend: The area should be rechecked using the UV lamp with some check silt and soil sampling.