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LIST OF MAPS

FIG 1. LOCATION MAP

FIG 2. CLAIM MAP

FIG 3. SAMPLE LOCATION MAP

ATTACHMENTS

1. ANALYTICAL RESULTS

1. INTRODUCTION

1.1 This report has been prepared at the request of Mr. A.E. Angus who is the registered owner of the Silvertip Claim.

1.2 The Silvertip claim consists of 12 claim units which are located near the headwaters of the Sumallo River in Southwestern British Columbia.

1.3 At present the commodities of interest, in order of importance, are zinc, copper, lead, silver (gold).

2. SUMMARY

2.1 A short property assessment was conducted on the Silvertip claim between July 4 and July 10, 1993. Geochemical sampling was conducted and general prospecting undertaken during the period.

2.2 The samples collected during the program were analyzed by Van Geochem Labs Ltd., of Vancouver B.C. The results of these analyses indicate the presence of significant zinc and subordinant copper and lead mineralization within the claim area. A phased program consisting of geological mapping, geochemical sampling and diamond drilling is recommended to further evaluate the property.

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3. LOCATION & ACCESS

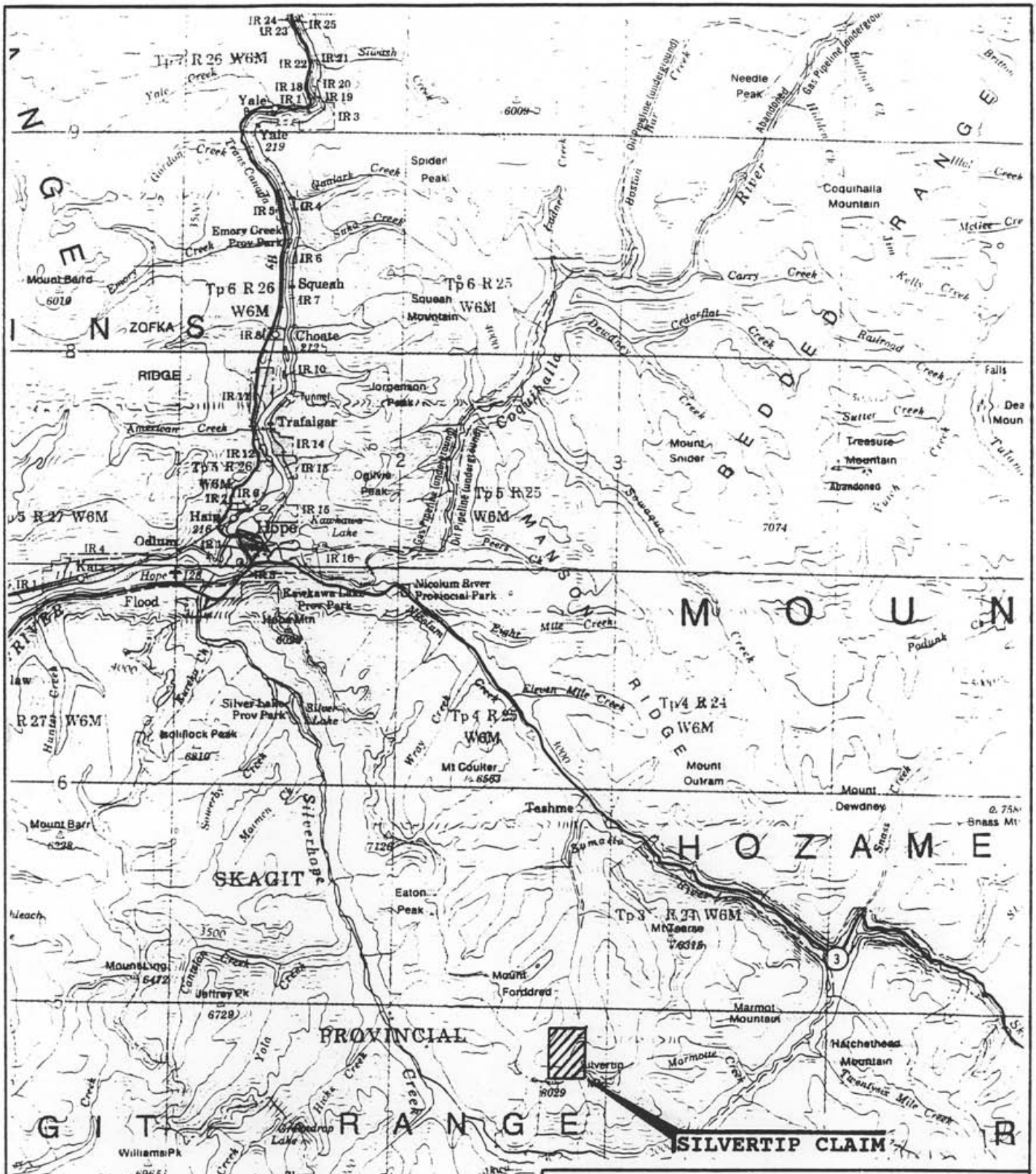
3.1 The Silvertip claim is located some 27 km southeast of Hope, B.C. near the headwaters of the Sumallo River on the northwest flank of Silvertip Mountain.

3.2 The claim area can be gained by utilizing a logging road from Sunshine Village (formerly Tashme) which is located on Highway 3 S.E. of Hope and then travelling 13 km south.

3.3 The claim is located in an area in which the terrane could be described as steep to precipitous. Evidence of avalanche and rockslide activity is widespread. The property rises from a low of 1125 meters to a high of 2300 meters above sea level.

3.4 Second growth consisting of alder and minor conifers cover the areas that were accessible to logging. Areas inaccessible to logging are largely barren outcrop or talus slopes. Mature fir stands are found in the balance of the inaccessible areas.

3.5 A historical drill station is located near the center of the claim and can be accessed on foot by using a washed out and rubble littered cat trail which was constructed during the mid '60's.



SILVERTIP PROPERTY	
LOCATION MAP	
Drawn by: W.C.Day	NTS: 92H/3E
Date: August 1993	Fig: 1

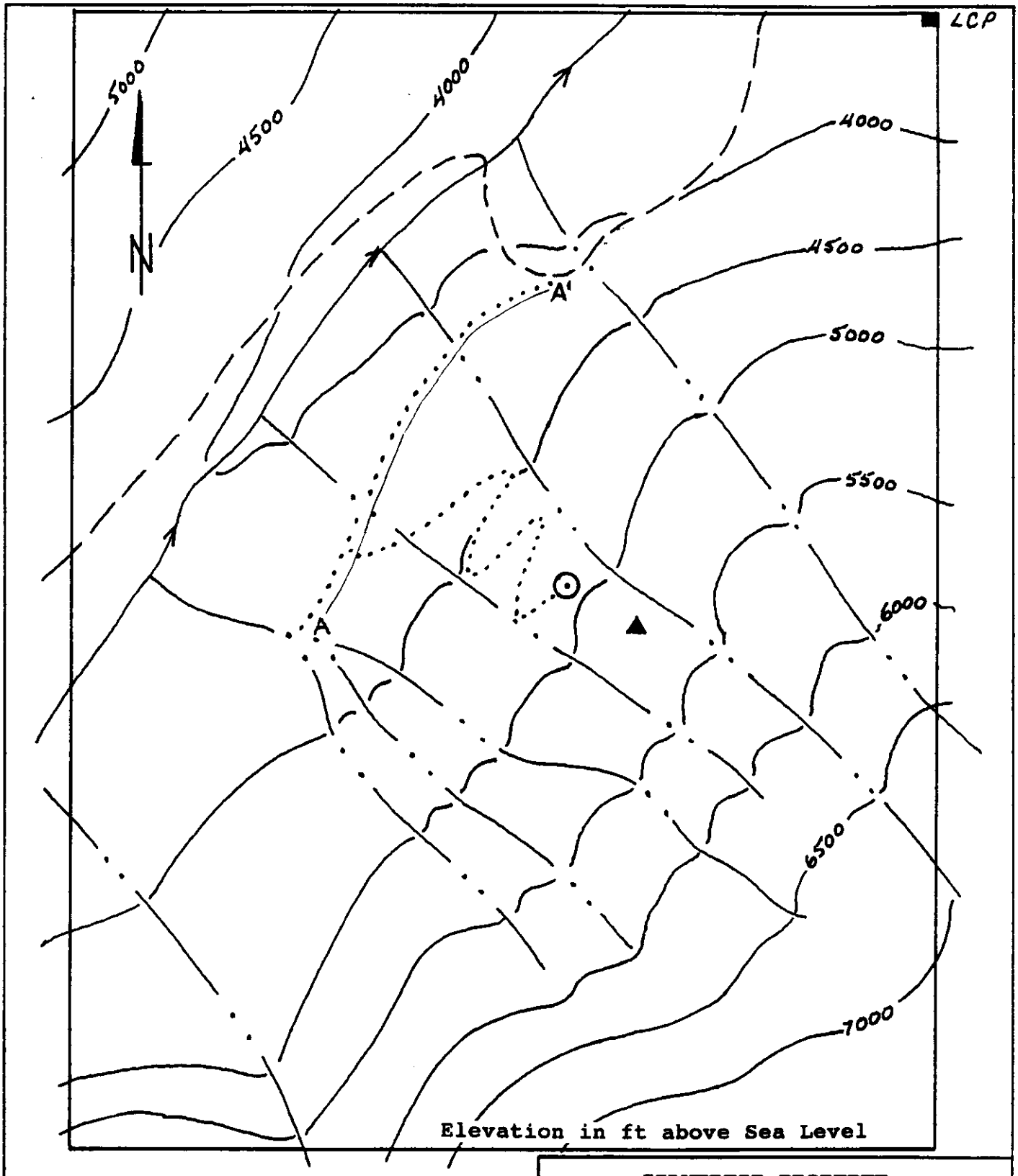
FIGURE 1 LOCATION MAP

4. CLAIM DATA

4.1 The Silvertip claim consists of 12 claim units with the legal corner past located at the northeast corner. From this site the claim area extends three claim units west and four claim units south. Its record number is 311389 and the expiry date is July 11/96.

4.2 The registered owner of the claim is Mr. A.E. Angus of Surrey, B.C.

4.3 The claim is located in the New Westminster Mining District and is bounded within NTS 92H/3E and centered at approximately 49° 10'N latitude and 121° 15' W longitude.



SILVERTIP PROPERTY	
CLAIM MAP	
Drawn by: W.C.Day	NTS: 92H/3E
Date: August 1993	Fig: 2
FIGURE 2 CLAIM MAP	

5. HISTORY

5.1 Though undocumented, mineralization was apparently located within the Silvertip claim area prior to 1965 as a diamond drill program was conducted between the period Nov 10/65 to March 25/66. Two holes were drilled with the 1st drilled at N 63°E dipping at -14° for a hole length of 1329'. The 2nd was drilled at N 76°E and dipping at -10° to a hole length of 562'. A steep tractor trail was also constructed to the drill site but apparently was unused.

5.2 The drill was supplied by helicopter and water was hoisted to the site by cable and sled from the valley floor. The drill site was at 4900' (1494m) above sea level. The property at this time was owned by Allison Pass Mining Ltd. of Vancouver.

5.3 A report for Allison Pass Mining Ltd. cites the presence of significant mineralized zones being encountered in both holes drilled. For example:

HOLE 1A

Sample #	Length	Cu%	Pb%	Zn%	Ag opt
21	8'	.05	1.18	.93	.6

HOLE 2A

Sample #	Length	Cu%	Pb%	Zn%	Ag opt
13	100'	.07	.28	.07	N/A

Apparently a spectrographic analytical technique was used. Surface showings are apparently also present, though not witnessed during the current program. These showings are said to have been traced for 600 feet along surface and to be open at both ends. The width is said to be not fully exposed, however, a 16' width sampled (#17) is said to average 3.42% zinc, .1% lead and .08% copper. No drill logs or full analytical results were

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attached to this report.

5.4 The only subsequent evaluation of the claim area was conducted by Suecon Development Corp. The claim area was visited by a representative of this company on July 18/83 and on August 27, 1984.

6. GEOLOGY

6.1 The Silvertip claim is underlain by rocks of the Hozameen Group (Monger 1970 and McTaggart & Thompson 1967). This Group consists of four divisions: ribbon chert, basic lavas (greenstone), limestone and argillite.

6.2 During late Palaeozoic or Triassic time these rocks were metamorphosed to form the Custer Gneiss. A layered high grade migmatitic complex of gneiss and schist. Later high grade metamorphism during late Cretaceous time is associated with the injection of the Spuzzum Intrusions followed by the foliated granodiorite Yale Intrusions and deposition of Eocene conglomerate and sandstone and the Intrusion of the Chilliwack batholithic rocks. The Custer Gneiss is separated from the overlying Hozameen rocks by a fault zone and the Hozameen fault separates the Hozameen beds from Mesozoic formations to the east.

6.3 Plutonism of Miocene to Oligocene age was accompanied by extensive vulcanism and mineralization in the Cascade Range. A number of important base and precious metal deposits in B.C. and Washington State are associated with this activity. One of these, the Canam deposit, lies 16 km to the east and occurs in a breccia pipe. Mineralization in this deposit is copper with lesser amounts of gold, silver, tungsten and uranium.

...6

subject in this report consist of dominantly greenstone, lesser chert, tuff and minor argillite. Significant mineralization consisted dominantly of zinc with lesser copper and lead and, as indicated in the analytical results, silver and very minor gold.

6.5 The mineralization occurs in three modes - layered (bedded?), fracture filling (breccia healing), and disseminated. these modes are typified by the rock samples numbered 48653, 48655 and 48656. A description of each of these samples follows.

Sample No.	Description
48653	Tuff with 2% magnetite as disseminations, fracture fillings and blebs, minor chalcopyrite and pyrite.
48655	Layered cherty argillite with pyrrhotite, sphalerite, chalcopyrite and minor magnetite along bedding? planes.
48656	Brecciated tuff healed with pyrrhotite, magnetite and minor chalcopyrite

7. SUBJECT PROGRAM

7.1 The program was conducted during the period July 4 and July 10 1993 and was initially to include geological mapping, geochemical sampling (rock, soil and silt) and prospecting. The extreme terrane conditions however, precluded any attempt at geological mapping at this time. Several attempts were made to gain access to the mineral showing cited to be present some 100 m above the drill station but each was unsuccessful.

7.2 It was decided that, due to the short duration of the program, selective sampling of rocks in the talus and a soil sample traverse below the suspected zone of mineralization would assist in the preliminary assessment of the claim. To this end a soil sample traverse was conducted. Soil samples (51) were collected at 20 meter intervals from above the cut of the lower cat track. Selected rock samples (14) from talus were collected and tied into this traverse. Ten silt samples were also collected during the period.

8. RESULTS

8.1 Analyses of the samples collected (14 rock, 51 soils and 10 silts) was conducted by Van Geochem Labs of Vancouver, B.C. The soil and silt samples were subjected to multi-element analyses by ICP. Rock samples were subjected to multi-element analyses by ICP and fire assayed with a atomic absorption finish to assess gold content.

8.2 Five rock samples exceeded the detection limit for zinc (2%) and one exceeded the limit for lead (2%). All rock samples were found to have anomalous copper values, three were anomalous in lead and all were anomalous to highly anomalous in zinc. Each of the soil and silt samples were anomalous to highly anomalous in zinc. 39 of the 51 soil samples was anomalous in lead and all but one anomalous in copper. Anomalous values are considered to be those in excess of 100 ppm in each case. The fire assay results show one rock sample (48654) to be highly anomalous in gold (200 ppb) and several others to be elevated in that element (20 - 40 ppb). Several of the rock samples were also anomalous in silver (plus 1 ppm) with one sample (48660) having a very significant value of greater than 50 ppm.

8.3 There has been no horizonal development of the soil which is essentially rock dust resulting from pulverization of the up slope rocks during landslide/avalanche activity. As a result the base metal content of these soils is considered to be directly associated with a mineralized zone present up slope of the traverse line. The width/thickness of this zone is unknown, however its length is indicated to be potentially substantial as the entire traverse (1000 m) is enriched in zinc, and particularly that area between samples ST 15 and ST 47

(640 m). This same area shows the greatest enrichment of copper, lead and silver.

9. CONCLUSIONS AND RECOMMENDATIONS

9.1 The results of the program indicate that a zone of base metal enrichment of unknown dimensions is present on the Silvertip claim. Zinc appears to be the principal commodity present with subordinate copper and lead.

9.2 The terrane in the claim area is very rugged and limits accessibility by foot. As a result a helicopter assisted program is recommended to explore the claim more fully. Geological mapping and rock chip sampling could be accomplished by having a helicopter lift personnel into specific areas for mapping and sampling. It should also remain available to move personnel when conditions dictate. Interpersonal and helicopter communication by walkie talkie would be a great asset and the use of ropes both for safety reasons and for greater mobility in some areas would assist the program.

9.3 A two stage program is recommended. Stage one would incorporate a program as lined out in 9.2. To conduct the program, two experienced field personnel should be used. A time period of two weeks should be allotted and scheduled when weather conditions would be most favourable for flying (summer, early fall). Stage two would entail diamond drilling.

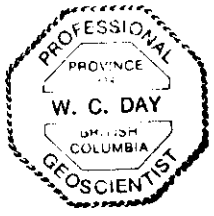
10. PROPOSED BUDGET STAGE I

Personnel	
2 @ $400.00/day 14 days	$11,200
(2 days mob/demob, 3 days down due to weather, 9 days field)	
Vehicle	$ 1,200
Room & Board	$ 2,100
Analyses	$ 2,500
Disposables	$ 1,000
Report	$ 1,200
Helicopter 2 hrs/day, 9 days @ $600/hr	$ 10,800
Total	$ 30,000

The stage 2 program would undoubtedly constitute a drill program. No budget is forwarded at this time however, as site locations, footage etc. are fully contingent upon the results of stage I. Any drill program envisioned would require full helicopter support.

11. STATEMENT OF COSTS - JULY 93 PROGRAM

Personnel	
Geologist	$1,200.00
Prospector	900.00
Food	219.42
Gas	102.95
Camp @ $25/day/man	300.00
Vehicle 4x4 pickup @ $60/day	360.00
Trail Bike $50/day	300.00
Report & Preparation	700.00
Assaying	744.14
Total	$4,826.51



STATEMENT OF QUALIFICATIONS

I, William Colin Day, residing @ 2409 Western Ave, North Vancouver, B.C. hereby certify that:

1. I was a member of the crew which conducted the program of subject in this report.

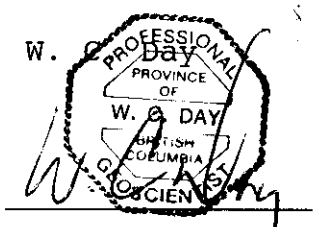
2. I am a graduate of the University of British Columbia (B.Sc. Geology 1976).

3. I have been practising my profession as an exploration geologist since 1976.

4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of B.C.

5. I hold no interest in the Silvertip claims, nor do I expect to receive any.

August 3, 1993
North Vancouver, B.C.



W. C. Day
B. Sc., P. Geo.

ANALYTICAL RESULTS

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Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: Ltgarrard

REPORT #: 930059 PA BILL DAY PROJECT: NONE GIVEN DATE IN: JULY 14 1993 DATE OUT: JULY 21 1993 ATTENTION: MR. BILL DAY

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
ST-1	0.5	4.53	<3	45	<3	1.32	2.3	70	138	138	7.77	<0.01	3.59	1797	3	0.01	125	0.11	14	<2	<2	38	<5	<3	606
ST-2	0.3	4.51	<3	39	<3	2.00	<0.1	75	132	135	7.74	<0.01	3.58	1758	<1	<0.01	126	0.12	19	<2	<2	43	<5	<3	550
ST-3	0.3	4.64	<3	47	<3	1.33	0.6	78	139	168	8.15	<0.01	3.54	2082	1	0.02	135	0.12	28	<2	<2	41	<5	<3	681
ST-4	0.2	4.94	<3	43	<3	1.31	0.5	74	142	144	8.18	<0.01	3.76	1866	<1	0.01	125	0.12	10	<2	<2	37	<5	<3	658
ST-5	0.3	4.79	<3	46	<3	1.44	0.2	77	137	162	8.28	<0.01	3.62	1883	<1	0.01	128	0.12	16	<2	<2	43	<5	<3	697
ST-6	0.6	5.02	<3	49	<3	1.53	0.1	84	138	164	8.43	<0.01	3.78	2139	<1	0.01	138	0.12	28	<2	<2	43	<5	<3	663
ST-7	0.3	5.05	<3	49	<3	1.45	<0.1	90	133	186	8.56	<0.01	3.68	2188	<1	0.01	145	0.11	33	<2	<2	45	<5	<3	702
ST-8	0.3	4.44	<3	49	<3	1.50	0.9	79	134	164	8.18	<0.01	3.42	2018	2	0.01	132	0.13	31	<2	<2	44	<5	<3	686
ST-9	0.5	5.01	<3	48	<3	1.47	0.7	88	146	180	8.82	<0.01	3.68	2116	2	0.03	148	0.12	40	<2	<2	55	<5	<3	979
ST-10	0.1	5.03	<3	44	<3	1.30	1.5	78	143	164	8.21	<0.01	3.77	2180	<1	0.01	135	0.10	24	<2	<2	45	<5	<3	844
ST-11	0.5	4.79	<3	49	<3	1.44	2.7	88	145	207	8.60	<0.01	3.58	2369	<1	0.02	162	0.12	51	<2	<2	53	<5	<3	991
ST-12	0.6	4.76	<3	50	<3	1.41	2.3	86	140	205	8.86	<0.01	3.43	2255	1	0.04	150	0.13	39	<2	<2	53	<5	<3	978
ST-13	0.7	4.64	<3	50	<3	1.41	2.8	74	133	188	8.44	<0.01	3.41	2007	3	0.04	137	0.14	95	<2	<2	52	<5	<3	942
ST-14	1.0	4.33	<3	48	<3	1.15	3.0	69	146	161	7.83	<0.01	3.59	2163	1	<0.01	142	0.14	252	<2	<2	34	<5	<3	851
ST-15	1.5	4.30	<3	56	<3	2.93	3.0	70	155	177	7.86	<0.01	3.60	2183	2	<0.01	152	0.13	297	<2	<2	66	<5	<3	1252
ST-16	1.5	4.34	<3	53	<3	1.17	3.3	71	155	177	7.98	<0.01	3.64	2247	1	<0.01	157	0.14	329	<2	<2	35	<5	<3	1184
ST-17	1.5	4.34	<3	54	<3	3.04	5.2	73	161	178	7.98	<0.01	3.61	2219	2	<0.01	151	0.12	237	<2	<2	71	<5	<3	1440
ST-18	1.1	4.34	<3	56	<3	2.97	3.9	73	159	178	7.94	<0.01	3.63	2175	1	<0.01	155	0.12	246	<2	<2	70	<5	<3	1330
ST-19	1.2	4.46	<3	53	<3	2.92	5.5	70	166	179	7.98	<0.01	3.65	2214	1	<0.01	149	0.12	233	<2	<2	71	<5	<3	1593
ST-20	1.0	4.18	<3	47	<3	3.91	4.7	62	153	149	7.43	<0.01	3.52	2023	1	<0.01	133	0.11	245	<2	<2	84	<5	<3	1226
ST-21	1.1	4.40	<3	50	<3	4.14	5.9	68	163	181	7.94	<0.01	3.64	2151	2	<0.01	145	0.12	218	<2	<2	93	<5	<3	1534
ST-22	1.1	4.54	<3	54	<3	4.15	5.2	67	160	176	7.90	<0.01	3.68	2125	<1	<0.01	145	0.12	218	<2	<2	94	<5	<3	1523
ST-23	0.8	4.76	<3	39	<3	1.37	3.5	69	160	157	7.92	<0.01	3.66	2202	1	<0.01	145	0.12	109	<2	<2	37	<5	<3	991
ST-24	1.2	4.29	<3	55	<3	1.00	2.9	75	170	163	8.19	<0.01	3.57	2663	6	<0.01	164	0.14	135	<2	<2	23	<5	<3	1512
ST-25	1.2	4.65	<3	48	<3	1.21	5.1	72	179	167	8.33	<0.01	3.74	2491	4	<0.01	169	0.12	173	<2	<2	38	<5	<3	1269
ST-26	1.1	4.55	<3	52	<3	1.14	3.2	68	176	149	7.87	<0.01	3.83	2317	1	<0.01	163	0.13	214	<2	<2	30	<5	<3	1291
ST-27	1.5	4.35	<3	57	<3	1.66	2.3	65	167	157	7.79	<0.01	3.70	2265	2	<0.01	161	0.13	381	<2	<2	41	<5	<3	1085
ST-28	0.8	4.59	<3	59	<3	1.13	3.5	74	174	175	8.33	<0.01	3.79	2448	1	<0.01	162	0.13	177	<2	<2	29	<5	<3	1312
ST-29	1.0	3.98	<3	53	<3	1.34	2.5	62	157	142	7.29	<0.01	3.47	2234	2	<0.01	150	0.13	300	<2	<2	35	<5	<3	1048
ST-30	0.6	3.98	<3	39	<3	1.01	1.2	55	155	85	7.40	<0.01	3.15	2315	3	<0.01	118	0.12	111	<2	<2	25	<5	<3	947
ST-31	0.9	4.32	<3	58	<3	1.06	7.7	70	175	168	8.35	<0.01	3.67	2494	2	<0.01	168	0.12	124	<2	<2	27	<5	<3	2068
ST-32	1.0	4.51	<3	62	<3	1.22	8.3	72	182	170	8.54	<0.01	3.78	2560	2	<0.01	175	0.13	131	<2	<2	31	<5	<3	1980
ST-33	0.9	4.60	<3	55	<3	1.01	7.7	71	172	168	8.45	<0.01	3.79	2486	<1	<0.01	167	0.12	126	<2	<2	26	<5	<3	1913
ST-34	1.1	4.48	<3	67	<3	1.34	7.7	71	177	167	8.54	<0.01	3.80	2524	4	<0.01	170	0.13	123	<2	<2	33	<5	<3	1930
ST-35	0.9	3.32	<3	45	<3	1.69	7.3	56	152	134	6.82	<0.01	2.91	2095	4	<0.01	133	0.10	125	<2	<2	42	5	<3	1471
ST-36	0.7	4.26	<3	64	<2	2.51	6.5	66	169	148	8.11	<0.01	3.67	2307	3	<0.01	158	0.12	126	<2	<2	56	<5	<3	1617
ST-37	0.9	4.18	<3	57	<3	1.37	6.9	66	162	129	7.99	<0.01	3.51	2525	3	<0.01	150	0.14	141	<2	<2	32	<5	<3	1605
ST-38	0.9	4.45	<3	53	<3	0.95	5.4	70	170	130	8.49	<0.01	3.71	2665	3	<0.01	155	0.13	142	<2	<2	21	<5	<3	1540
ST-39	0.8	4.32	<3	60	<3	1.31	13.7	75	156	150	8.04	<0.01	3.57	2751	4	<0.01	165	0.13	126	<2	<2	31	<5	<3	2512
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses & Alternate Methods Suggested.

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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: Ujaswal

REPORT #: 930059 PA BILL DAY PROJECT: NONE GIVEN DATE IN: JULY 14 1993 DATE OUT: JULY 21 1993 . ATTENTION: MR. BILL DAY

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ST-40	1.2	4.06	<3	56	<3	1.17	8.2	69	149	156	7.87	<0.01	3.41	2506	4	<0.01	152	0.12	146	<2	<2	33	<5	<3	1680
ST-41	1.0	4.24	<3	56	<3	1.15	7.7	69	168	158	8.36	<0.01	3.71	2475	1	<0.01	160	0.12	138	<2	<2	28	<5	<3	1710
ST-42	2.7	4.32	<3	55	<3	1.10	7.1	70	165	151	8.47	<0.01	3.74	2667	3	<0.01	157	0.14	130	<2	<2	27	<5	<3	1650
ST-43	1.0	4.29	<3	52	<3	1.04	6.5	68	168	152	8.26	<0.01	3.72	2526	1	<0.01	149	0.13	126	<2	<2	25	<5	<3	1592
ST-44	1.0	4.01	<3	55	<3	1.12	6.9	66	153	150	7.82	<0.01	3.45	2436	1	<0.01	145	0.12	134	<2	<2	27	<5	<3	1574
ST-45	1.2	4.15	<3	53	<3	1.10	7.1	70	161	158	8.24	<0.01	3.63	2564	3	<0.01	151	0.12	133	<2	<2	27	<5	<3	1739
ST-46	1.0	3.98	<3	54	<3	1.24	5.7	64	148	141	7.53	<0.01	3.43	2415	<1	<0.01	146	0.13	131	<2	<2	33	<5	<3	1588
ST-47	1.5	4.02	<3	81	<3	1.02	4.6	76	145	168	8.22	<0.01	3.37	2975	6	<0.01	155	0.13	185	<2	<2	30	<5	<3	1518
ST-48	1.5	3.37	<3	77	<3	0.81	3.2	65	92	150	7.43	<0.01	2.47	3290	6	<0.01	114	0.15	312	<2	<2	25	<5	<3	816
ST-49	1.9	3.52	<3	70	<3	0.60	<0.1	63	95	159	7.68	<0.01	2.50	2953	6	<0.01	111	0.15	307	<2	<2	19	<5	<3	745
ST-50	1.8	3.45	<3	83	<3	0.65	<0.1	69	91	163	7.86	<0.01	2.44	3591	8	<0.01	120	0.15	342	<2	<2	21	<5	<3	799
ST-51	2.1	3.49	<3	87	<3	0.57	<0.1	72	90	180	8.04	<0.01	2.48	3641	9	<0.01	126	0.14	339	<2	<2	21	<5	<3	821
STC-1	0.6	2.59	<3	72	<3	0.80	<0.1	38	83	87	5.42	<0.01	2.13	1497	1	<0.01	78	0.12	12	<2	<2	25	<5	<3	227
STC-2	0.6	2.43	<3	47	<3	0.77	<0.1	35	82	68	5.62	<0.01	2.07	1246	1	<0.01	75	0.11	13	<2	<2	22	<5	<3	212
STC-3	0.2	2.86	<3	141	<3	0.99	<0.1	33	83	73	5.03	<0.01	1.41	1496	1	<0.01	79	0.11	<2	<2	<2	32	<5	<3	164
STC-4	0.1	2.77	<3	134	<3	0.84	<0.1	31	83	64	4.99	<0.01	1.48	1326	1	<0.01	81	0.09	<2	<2	<2	27	<5	<3	143
STC-5	0.1	2.33	<3	187	<3	0.72	<0.1	29	60	98	4.53	<0.01	1.16	1472	1	<0.01	70	0.11	<2	<2	<2	27	<5	<3	170
STC-6	0.1	2.18	<3	161	<3	0.73	<0.1	24	56	74	4.05	<0.01	1.14	1258	1	<0.01	56	0.09	<2	<2	<2	26	<5	<3	174
STC-7	0.1	2.30	<3	201	<3	0.49	<0.1	40	65	100	5.30	<0.01	1.51	1756	1	<0.01	94	0.10	4	<2	<2	20	<5	<3	237
STC-8	0.1	2.28	<3	211	<3	0.52	<0.1	40	65	102	5.25	<0.01	1.47	1785	1	<0.01	101	0.10	8	<2	<2	21	<5	<3	234
STC-9	0.2	3.07	<3	72	<3	0.95	<0.1	40	104	76	5.91	<0.01	2.74	1211	<1	<0.01	90	0.09	<2	<2	<2	20	<5	<3	145
STC-10	0.2	3.11	<3	112	<3	1.00	<0.1	46	107	86	6.34	<0.01	2.70	1413	1	<0.01	97	0.10	<2	<2	<2	27	<5	<3	171
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: Ejaward

REPORT #: 930060 PA BILL DAY PROJECT: NONE GIVEN DATE IN: JULY 14 1993 DATE OUT: JULY 21 1993 ATTENTION: MR. BILL DAY

Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
48651	0.7	4.11	<3	20	9	<3	3.63	71.2	111	125	552	>10	<0.01	1.70	1232	16	0.37	64	0.04	<2	<2	<2	85	<5	<3	9677
48652	0.5	3.99	<3	10	<1	<3	5.34	<0.1	111	148	553	>10	<0.01	1.65	1010	15	0.32	77	0.05	<2	<2	<2	120	<5	<3	270
48653	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
48654	3.0	3.31	<3	200	17	31	3.80	364.1	128	89	581	>10	<0.01	1.58	3159	19	1.24	36	0.04	<2	<2	<2	83	<5	<3	>20000
48655	0.9	2.06	<3	10	<1	<3	1.98	133.6	198	44	866	>10	<0.01	1.79	1615	18	0.15	68	0.08	26	<2	<2	22	<5	<3	18782
48656	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
48657	1.2	1.52	<3	10	<1	<3	0.82	317.4	102	42	546	>10	<0.01	1.30	1196	12	0.48	65	0.05	<2	<2	<2	9	<5	<3	>20000
48658	1.9	2.02	<3	30	<1	<3	8.94	253.2	231	47	644	>10	<0.01	1.77	8110	16	0.79	38	0.13	14	<2	<2	39	<5	<3	>20000
48659	0.5	4.68	<3	30	<1	<3	4.75	1.4	254	98	501	>10	<0.01	1.36	1294	19	0.31	80	0.18	<2	<2	<2	170	<5	<3	897
48660	>50	0.24	<3	20	35	<3	0.32	92.1	12	61	355	5.81	<0.01	0.13	492	5	0.10	12	0.04	>20000	80	<2	13	<5	<3	18776
48661	2.2	0.59	<3	30	<1	<3	0.26	241.2	32	50	338	>10	<0.01	0.64	1091	12	0.36	15	0.01	506	<2	<2	3	<5	<3	>20000
48662	0.7	2.84	<3	40	4	3	2.74	35.4	62	148	263	8.78	<0.01	1.18	1035	9	0.21	78	0.04	194	<2	<2	81	<5	<3	4930
48663	1.1	3.17	<3	20	<1	<3	1.75	238.0	16	59	462	>10	<0.01	3.37	2986	8	0.25	33	0.03	35	<2	<2	8	<5	<3	>20000
48664	0.4	1.10	<3	10	15	<3	1.17	90.7	12	69	149	5.64	<0.01	1.09	898	12	0.01	32	0.08	37	<2	<2	12	<5	<3	13464
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Fire Assay Concentration / AAS Finish.

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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: Etgamal

REPORT #: 930063 PA MR. BILL DAY PROJECT: NONE GIVEN DATE IN: JULY 21 1993 DATE OUT: JULY 26 1993 ATTENTION: MR. BILL DAY

Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
48653	1.2	1.60	<3	30	<1	<3	0.48	<0.1	258	98	852	>10	<0.01	1.51	986	18	0.03	165	0.02	30	<2	<2	19	<5	<3	101
48656	1.3	1.05	<3	30	<1	<3	3.56	<0.1	281	102	763	>10	<0.01	1.00	886	20	0.05	171	0.03	37	<2	<2	47	<5	<3	182
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Fire Assay Concentration / AAS Finish.

VGC VANGEOCHEM LAB LIMITED

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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 930060 GA JOB NUMBER: 930060 MR. BILL BAY PAGE 1 OF 1

SAMPLE #	Au ppb
48651	20
48652	10
48653	--
48654	200
48655	10
48656	--
48657	10
48658	30
48659	30
48660	20
48661	30
48662	40
48663	20
48664	10

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 930063 GA JOB NUMBER: 930063 MR. BILL DAY

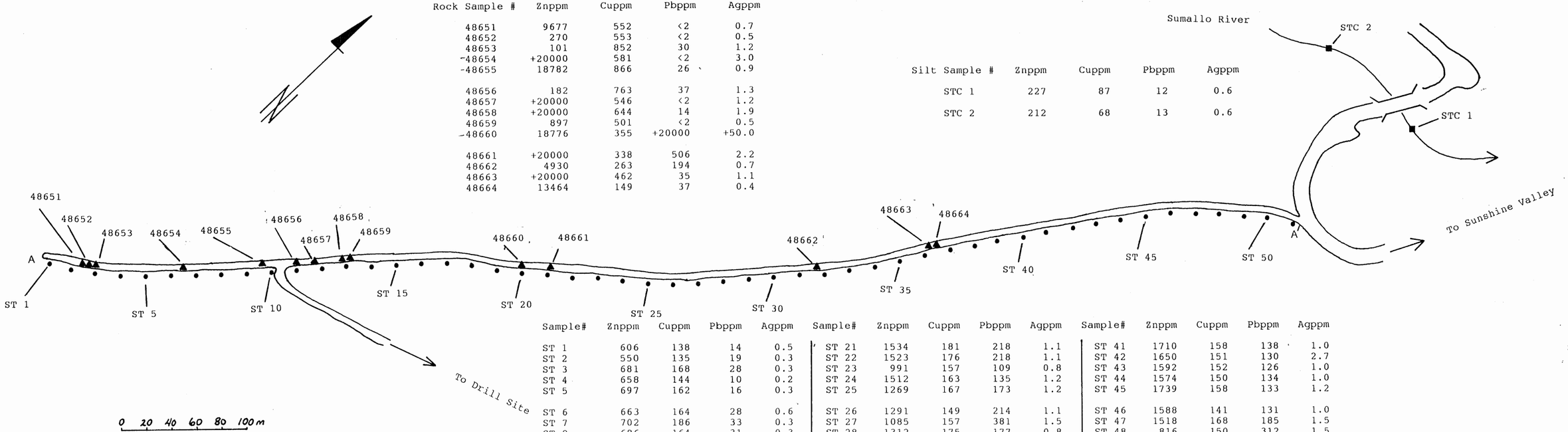
SAMPLE #	Au ppb
48653	30
48656	30

DETECTION LIMIT

nd = none detected -- = not analysed is = insufficient sample

Rock Sample #	Znppm	Cuppm	Pbppm	Agppm
48651	9677	552	<2	0.7
48652	270	553	<2	0.5
48653	101	852	30	1.2
48654	+20000	581	<2	3.0
48655	18782	866	26	0.9
48656	182	763	37	1.3
48657	+20000	546	<2	1.2
48658	+20000	644	14	1.9
48659	897	501	<2	0.5
48660	18776	355	+20000	+50.0
48661	+20000	338	506	2.2
48662	4930	263	194	0.7
48663	+20000	462	35	1.1
48664	13464	149	37	0.4

Silt Sample #	Znppm	Cuppm	Pbppm	Agppm
STC 1	227	87	12	0.6
STC 2	212	68	13	0.6



Sample#	Znppm	Cuppm	Pbppm	Agppm
ST 1	606	138	14	0.5
ST 2	550	135	19	0.3
ST 3	681	168	28	0.3
ST 4	658	144	10	0.2
ST 5	697	162	16	0.3
ST 6	663	164	28	0.6
ST 7	702	186	33	0.3
ST 8	686	164	31	0.3
ST 9	979	180	40	0.5
ST 10	844	164	24	0.1
ST 11	991	207	51	0.5
ST 12	978	205	39	0.6
ST 13	942	188	95	0.7
ST 14	851	161	252	1.0
ST 15	1252	177	297	1.5
ST 16	1184	177	329	1.5
ST 17	1440	178	237	1.5
ST 18	1330	178	246	1.1
ST 19	1593	179	233	1.2
ST 20	1226	149	245	1.0

Sample#	Znppm	Cuppm	Pbppm	Agppm
ST 21	1534	181	218	1.1
ST 22	1523	176	218	1.1
ST 23	991	157	109	0.8
ST 24	1512	163	135	1.2
ST 25	1269	167	173	1.2
ST 26	1291	149	214	1.1
ST 27	1085	157	381	1.5
ST 28	1312	175	177	0.8
ST 29	1048	142	300	1.0
ST 30	947	185	111	0.6
ST 31	2068	168	124	0.9
ST 32	1980	170	131	1.0
ST 33	1913	168	126	0.9
ST 34	1930	167	123	1.1
ST 35	1471	134	125	0.9
ST 36	1617	148	126	0.7
ST 37	1605	129	141	0.9
ST 38	1540	130	142	0.9
ST 39	2512	150	126	0.8
ST 40	1680	156	146	1.2

Sample#	Znppm	Cuppm	Pbppm	Agppm
ST 41	1710	158	138	1.0
ST 42	1650	151	130	2.7
ST 43	1592	152	126	1.0
ST 44	1574	150	134	1.0
ST 45	1739	158	133	1.2
ST 46	1588	141	131	1.0
ST 47	1518	168	185	1.5
ST 48	816	150	312	1.5
ST 49	745	159	307	1.9
ST 50	799	163	342	1.8
ST 51	821	180	339	2.1

SILVERTIP PROPERTY

SAMPLE LOCATION MAP

Drawn by: W.C.Day	NTS: 92H/3E
Date: August 1993	Fig: 3

FIGURE 3 SAMPLE LOCATION MAP