85-1033
14657
12/86

GEOCHEMICAL REPORT
on the
SILVER BOW GROUP
and the
SILVER BELL GROUP

CLAIMS

Silver Bow Group: Silver Bow No. 1 to No. 4
Washington No. 1
Nabob/Nabob No. 2

Silver Bell Group: Silver Bell Fr.
Dunedin Fr.

Skeena Mining Division: Cassiar Land District
NTS 103 P/13W

Latitude and Longitude: 55°59' N - 129°53' W

OWNER and OPERATOR

Teck Explorations Limited
1199 West Hastings Street
Vancouver, B.C.
V6E 2K5

by

Gudmund Lovang

Vancouver, B.C. December, 1985

TABLE OF CONTENT

SILVER BOW GROUP

and

SILVER BELL GROUP

Geochemical Report

Introduction

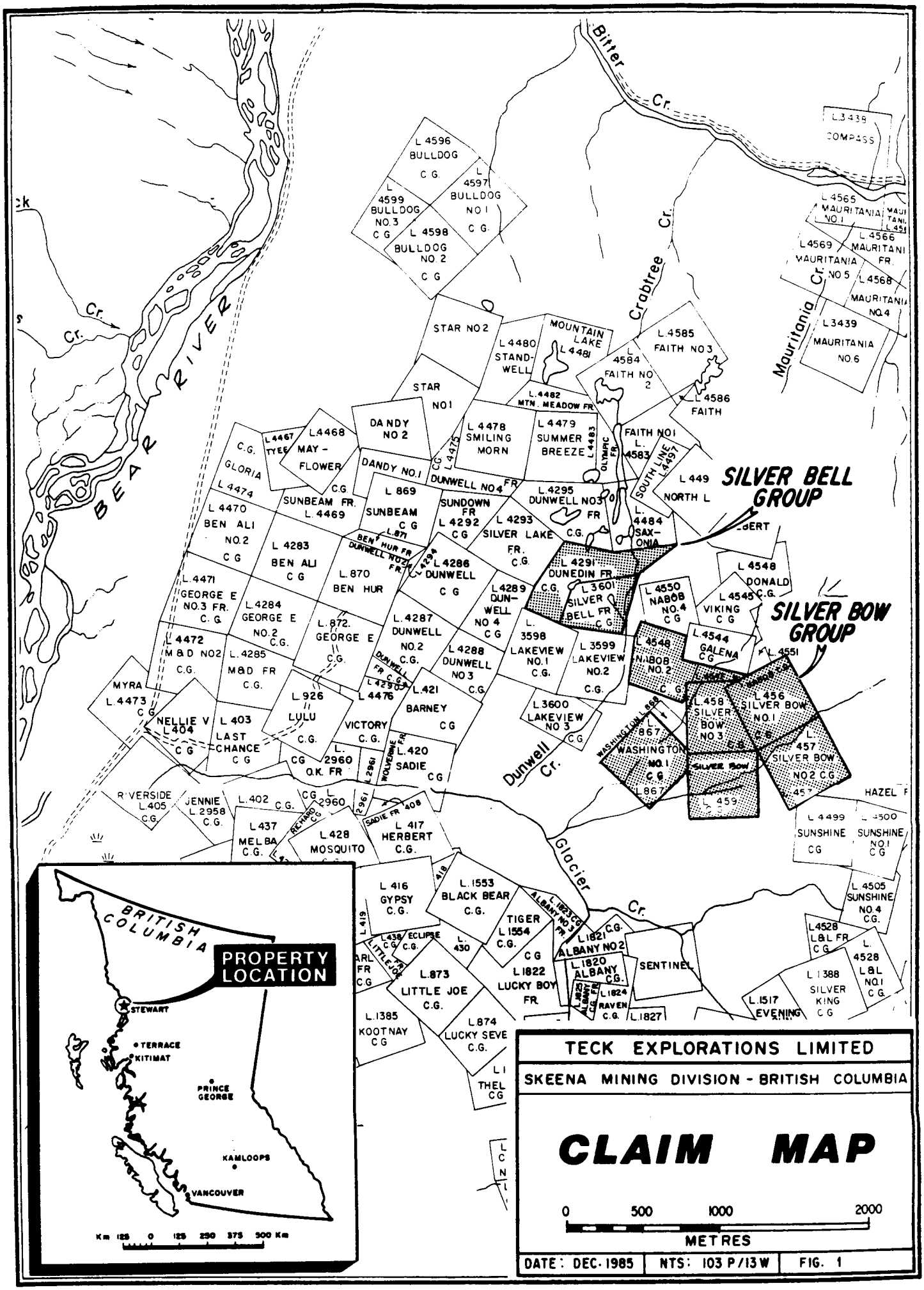
The claims are located about 8.5 km northeast of Stewart, B.C. on the north side of Glacier Creek and at an elevation ranging from 500 m to 1,060 m.

The topographic relief is moderate to steep. The southwest facing slope on which the claims are located is thickly timbered with virgin hemlock, balsam and some cedar. Evidence of black bears is plentiful. Access from Stewart is by helicopter which can land in the swamp immediately south of the pond on the Silver Bell Fr. The old horsetrails leading to the different claims on the properties are excessively overgrown and therefore not suitable for access.

The present work was carried out by Teck personnel on July 29, July 30 and August 1 of this year. The work consisted of reconnaissance soil-geochem lines combined with prospecting along the same lines. The results of the survey are shown on Fig. 2 (in pocket). A total of 150 soil samples were collected and analysed for Ag, Au, Pb and Zn. Three rock samples were collected from small quartz stringers. The work was done on the Silver Bow No. 1 and No. 2, the Nabob/Nabob No. 2, the Silver Bell Fr. and the Dunedin Fr. Mineral Claims.

Property Definition

Silver Bow Group consists of the following six reverted crown granted mineral claims:



TECK EXPLORATIONS LIMITED

SKEENA MINING DIVISION - BRITISH COLUMBIA

CLAIM MAP

0 500 1000 2000

METRES

DATE: DEC. 1985 | NTS: 103 P/13 W | FIG. 1

Name	Lot Number	Record Number	Hectares
Silver Bow No. 1	456	4714 (12)	20.9
Silver Bow No. 2	457	4715 (12)	29.9
Silver Bow No. 3	458	4716 (12)	15.87
Silver Bow No. 4	459	4717 (12)	20.9
Washington No. 1	867	4718 (12)	20.36
Nabob/Nabob No. 2	4547/4548	4722 (12)	18.09

Silver Bell Group consists of the following two reverted crown granted mineral claims:

Name	Lot Number	Record Number	Hectares
Silver Bell Fr.	3601	4719 (12)	14.29
Dunedin Fr.	4291	4720 (12)	19.11

Expiry date for all claims is December 31, 1985.

All claims in both groups were transferred to Teck Explorations Limited on July 23, 1985 from David Javorsky. (Bill of Sale #1850)

Current owner is Teck Explorations Limited of Vancouver, B.C.

History

The first mention of the Silver Bow Group is in the 1904 B.C. Minister of Mines Annual Report. The Silver Bow Group at that time consisted of the Silver Bow No. 1 to No. 4 and the Washington No. 1 claims. Work in 1904 and 1905 and again in 1910, when those claims were crown granted, consisted of a short adit and some open cuts. In 1965 these claims formed part of the R.A.F. Group. The results of the work done at this time is not known.

No work is recorded on the Nabob/Nabob No. 2, Silver Bell Fr. or the Dunedin Fr. The Lakeview No. 2 crown grant which joins Nabob No. 2 to the east and Silver Bell Fr. to the north shipped a total of 66 tons of high grade ore between the years 1913 and 1936. The old Dunwell Mine is located 2 to 3 km to the west of the claim groups.

At present the economic potential of the claim groups seems limited. However, as a large part of the ground is overburden covered, additional work may disclose worthwhile mineralization. Access roads to the properties could be built without prohibitive cost.

General Geology

The area is underlain by upper Jurassic sedimentary and volcanic rocks of the Bowser assemblage. The regional strike is northerly with a steep westerly dip. Numerous Tertiary age dykes of felsic and mafic composition cut the Jurassic rocks. A strong ENE fault runs along the east branch of Maud Gulch on the Silver Bow Claims. Quartzite occur on the western part of the Dunedin Fr.

Geochemistry

One hundred and fifty soil samples were collected at 25 m intervals along flagged reconnaissance lines. The samples were placed in kraft paper bags and shipped to Acme Analytical Laboratories Ltd. of Vancouver, B.C. Ag, Pb and Zn were analysed by the ICP - method. The Au was analysed by the standard atomic absorbtion method from a 10 gram sample. Details of the analysing technique is included in the heading of the laboratory assay sheets. (Appendix)

The samples were collected from the top B-horizon by using a mattock to dig holes to a depth of 25 to 30 cm. The soil on the properties is well developed with a good layer of organic material (A-horizon) on the top 10 to 20 cm. The lines were established with the use of hip-chain and Silva-compass.

Results

Part of the LV reconnaissance line was run outside the property for the purpose of testing the soil response over the Lakeview vein. The sample directly on top of the extension of the vein in undisturbed ground gave; Ag 12.5 ppm, Pb 165 ppm, Zn 230 ppm. (Line LV 0+50S) Color of the B-horizon soil is brown.

Based on this test the following stations are regarded as being anomaleous:

Silver Bow Group:

Line	Station	Pb ppm	Zn ppm	Ag ppm	Color of Soil
SB-1	6 + 00	253	287	1.1	Red Brown
SB-2	6 + 75	284	795	11.2	Dark Brown

Silver Bell Group:

Line	Station	Pb ppm	Zn ppm	Ag ppm	Color of Soil
SB-3	2 + 25	139	249	8.0	Red Brown
SB-3	2 + 50	73	102	6.7	Red Brown
SB-4	3 + 75	128	302	4.4	Dark Brown
LV	2 + 50N	73	81	10.0	Brown

Rock Sampling

Three rock samples were collected from quartz stringers which were up to 8 cm wide and heavily mineralized with chalcopyrite. The samples were assayed for Au, Ag, Pb and Zn. The results were neglible. Sample locations are shown on Fig. 2.

Conclusion

High silver, lead and zinc soil anomalies are present on both the Silver Bow and the Silver Bell Groups. Apart from prospecting and pothole digging in the early days, no serious systematic exploration has been done on the ground. The chances of finding mineralization comparable in grade and size to that of the old Dunwell mine located about three km to the west seem good.

Gudmund Lovang, Prospector

Peter G. Folk, P. Eng.

ITEMIZED COST STATEMENT

Silver Bow Group

Personnel	
G. Lovang, Prospector	
July 29 and August 1, 1985	
2 days @ $114.44/day	$ 228.88
R. Schneider, Prospector	
July 29 and August 1, 1985	
2 days @ $100.00/day	$ 200.00
Transportation	
Vancouver Island Helicopters	
July 29 and August 1, 1985	
2/3 hour @ $450.00/hour	$ 300.00
Vehicle Rental	
July 29 and August 1, 1985	
2 truck days @ $20.00/day	$ 40.00
Laboratory Cost	
3 rock assays, Au, Ag, Pb and Zn	
$20.75 per sample	$ 62.25
85 Soil sample analyses	
Ag, Pb, Zn by ICP method	
Au by AA method	
Cost per sample incl. prep. $4.10	$ 348.50
Food and Accommodation	
July 29 and August 1, 1985	
$25.00 per man per day	
4 man days	$ 100.00
Report preparation, drafting	$ 100.00
TOTAL	$1,379.63

ITEMIZED COST STATEMENT

Silver Bell Group

Personnel	
G. Lovang, Prospector	
July 30, 1985	
1 day @ $114.44/day	$114.44
R. Schneider, Prospector	
July 30, 1985	
1 day @ $100.00/day	$100.00
Transportation	
Vancouver Island Helicopters	
July 30, 1985	
1/3 hour @ $450.00/hour	$150.00
Vehicle Rental	
July 30, 1985	
1 truck day @ $20.00/day	$ 20.00
Laboratory Cost	
65 Soil sample analyses	
Ag, Pb, Zn by ICP method	
Au by AA method	
Cost per sample incl. prep. $4.10	$266.50
Food and Accommodation	
July 30, 1985	
$25.00 per man per day	
2 man days	$ 50.00
Report preparation, drafting	$100.00
TOTAL	$800.94

STATEMENT OF QUALIFICATIONS

Gudmund Lovang
1132 Semlin Drive
Vancouver, B.C.
V5L 4K2

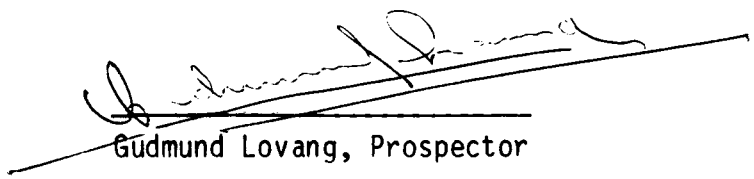
1970-1985: Mineral exploration and Prospecting in British Columbia, Yukon, North West Territories, Ontario and Western United States for Teck Corporation and associated companies.

1984-1985: Geochemistry Course, University of British Columbia, "EXPLORATION GEOCHEMISTRY".

1974: Geophysical Course, British Columbia Institute of Technology.

1973-1974: Geology Course, British Columbia Institute of Technology, "General Interest Geology".

1973: Prospecting Course, British Columbia Institute of Technology, "Introduction to Geology and Prospecting".



Gudmund Lovang, Prospector

APPENDIX

Laboratory Results

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 3 1985

DATE REPORT MAILED:

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: V. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

TECK EXPLORATION PROJECT - 1337 FILE # 85-1721 PAGE

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	Au* PPB
SB-1 0+00	24	133	1.5	10
SB-1 0+25	23	202	1.0	6
SB-1 0+50	12	121	3.0	4
SB-1 0+75	17	152	1.4	3
SB-1 1+00	15	104	1.7	1
SB-1 1+25	14	169	1.2	6
SB-1 1+50	20	153	.8	3
SB-1 1+75	25	87	.5	2
SB-1 2+00	17	133	2.6	4
SB-1 2+25	18	124	1.5	2
SB-1 2+50	23	161	.7	6
SB-1 2+75	15	326	1.6	15
SB-1 3+00	14	254	1.7	7
SB-1 3+25	10	162	.6	5
SB-1 3+50	18	229	1.5	2
SB-1 3+75	19	129	1.1	6
SB-1 4+00	41	129	.4	4
SB-1 4+25	16	173	1.8	2
SB-1 4+50	23	209	.8	70
SB-1 4+75	31	81	1.1	4
SB-1 5+00	33	92	.8	5
SB-1 5+25	23	75	.4	6
SB-1 5+50	13	103	.2	3
SB-1 5+75	30	331	1.6	2
SB-1 6+00	253	287	1.1	3
SB-1 6+25	29	114	3.9	6
SB-1 6+50	11	61	.4	3
SB-1 6+75	42	140	2.4	20
SB-1 7+00	15	70	.4	10
SB-2 2+25	19	315	1.8	8
SB-2 2+50	16	277	1.3	10
SB-2 2+75	16	224	1.1	6
SB-2 3+00	13	202	.6	4
SB-2 3+25	12	281	.6	5
SB-2 3+50	14	128	.1	2
SB-2 3+75	18	153	3.2	4
STD C/AU-0.5	38	136	7.0	480

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	Au* PPB
SB-2 4+00	25	99	.2	4
SB-2 4+25	33	70	.4	2
SB-2 4+50	21	120	.6	6
SB-2 4+75	15	66	.1	4
SB-2 5+00	27	113	.2	5
SB-2 5+25	23	162	.2	10
SB-2 5+50	22	101	.1	2
SB-2 5+75	3	20	.5	1
SB-2 6+00	24	145	.6	3
SB-2 6+25	18	108	.5	3
SB-2 6+50	28	59	.5	21
SB-2 6+75	284	795	11.2	20
SB-2 7+00	22	479	2.7	7
SB-3 0+00	14	38	2.1	27
SB-3 0+25	23	46	.4	9
SB-3 0+50	38	219	1.5	6
SB-3 0+75	10	19	2.3	6
SB-3 1+00	15	67	1.1	2
SB-3 1+25	6	23	.1	8
SB-3 1+50	14	33	1.0	54
SB-3 1+75	3	11	.2	2
SB-3 2+00	5	22	2.9	5
SB-3 2+25	139	249	8.0	65
SB-3 2+50	73	102	6.7	34
SB-3 2+75	30	54	.3	18
SB-3 3+00	59	45	.6	30
SB-3 3+25	27	55	.4	17
SB-3 3+50	55	91	1.2	18
SB-3 3+75	16	38	.1	22
SB-3 4+00	24	7	.1	6
SB-3 4+25	19	36	.6	38
SB-3 4+50	16	16	.5	13
SB-3 4+75	9	12	.2	490
SB-3 5+00	6	18	.4	22
SB-3 5+25	17	206	2.2	1
SB-3 5+50	10	21	.7	15
STD C/AU-0.5	39	139	7.0	510

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	Au* PPB
SB-3 5+75	2	56	1.2	3
SB-3 6+00	2	47	1.0	3
SB-4 0+00	9	39	.4	45
SB-4 0+25	12	11	.1	19
SB-4 0+50	3	3	.2	2
SB-4 0+75	49	54	1.0	15
SB-4 1+00	17	41	.2	40
SB-4 1+25	14	31	.9	10
SB-4 1+50	17	37	.6	18
SB-4 1+75	3	18	.4	9
SB-4 2+00	8	4	.5	14
SB-4 2+25	2	172	.5	3
SB-4 2+50	4	22	.6	3
SB-4 2+75	6	12	.2	4
SB-4 3+00	9	13	.2	3
SB-4 3+25	17	38	.1	3
SB-4 3+50	3	16	.3	7
SB-4 3+75	128	302	4.4	6
SB-4 4+00	18	64	1.7	9
SB-4 4+25	17	36	.3	15
SB-4 4+50	11	43	4.8	4
SB-4 4+75	13	16	.1	7
SB-4 5+00	19	32	.3	8
SB-4 5+25	13	28	.9	22
SB-4 5+50	10	25	.5	9
SB-4 5+75	16	68	.5	7
SB-4 6+00	32	41	.2	175
NA-1 0+00	48	66	1.2	8
NA-1 0+25	16	32	1.4	9
NA-1 0+50	10	36	6.2	3
NA-1 0+75	5	25	1.4	10
NA-1 1+00	28	60	.7	7
NA-1 1+25	10	38	.5	7
NA-1 1+50	13	41	.3	8
NA-1 1+75	15	40	1.2	5
NA-1 2+00	33	86	.5	12
STD C/AU-0.5	38	133	7.0	480

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	Au* PPB
NA-1 2+25	9	37	1.0	4
NA-1 2+50	18	98	3.1	8
NA-1 2+75	25	83	.9	7
NA-1 3+00	24	21	4.9	5
NA-1 3+25	9	10	.4	2
NA-1 3+50	25	44	2.6	5
NA-1 3+75	43	61	1.3	5
NA-1 4+00	15	348	2.7	17
NA-2 0+00	27	35	.3	6
NA-2 0+25	18	62	1.3	4
NA-2 0+50	32	37	.6	6
NA-2 0+75	18	122	1.1	60
NA-2 1+00	18	44	1.2	7
NA-2 1+25	21	74	1.1	8
NA-2 1+50	31	80	.8	4
NA-2 1+75	28	112	1.4	8
NA-2 2+00	31	38	2.7	5
NA-2 2+25	26	34	4.2	3
NA-2 2+50	25	43	2.0	3
NA-2 2+75	26	62	.9	3
NA-2 3+00	22	116	1.6	16
NA-2 3+25	27	56	2.1	8
NA-2 3+50	18	52	.8	6
NA-2 3+75	20	121	1.6	4
NA-2 4+00	18	35	.8	8
STD C/AU 0.5	37	138	7.0	480

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 3 1985

DATE REPORT MAILED: Aug 9/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYERS

TECK EXPLORATION PROJECT - 21 FILE # 85-1722 PAGE

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	Au* PPB
LV 3+50N	18	98	1.0	4
LV 3+25N	6	12	.5	24
LV 3+00N	22	71	1.4	17
LV 2+75N	31	72	.7	10
LV 2+50N	73	81	10.0	34
LV 2+25N	21	100	2.0	6
LV 2+00N	14	42	1.0	12
LV 1+75N	21	42	.7	6
LV 1+50N	27	62	1.2	3
LV 1+25N	11	40	1.3	8
LV 1+00N	18	82	1.5	4
LV 0+75N	31	57	1.2	5
LV 0+50N	22	84	.5	16
LV 0+25N	29	65	.9	5
LV 0+00N	22	89	.7	7
LV 0+25S	27	128	.6	11
LV 0+50S	165	230	12.5	10
STD C/AU-0.5	39	132	7.0	500

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED AUG 3 1985

DATE REPORTS MAILED Aug 9/85

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.

ASSAYER T. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

TECK EXPLORATION PROJECT 1337 FILE# 85-1721A

SAMPLE	Pb %	Zn %	Ag oz/t	Au oz/t
21236	.01	.01	.22	.001
21237	.01	.01	.05	.001
21238	.03	.06	.92	.020

SILVER BELL GROUP

SILVER BOW GROUP

DUNEDIN FR.
4720 (12)

SILVER BELL FR.
4719 (12)

LAKVIEW C.G.
LOT 3599
OWNERSHIP : TECK CORPORATION

NABOB/NABOB N° 2
4722 (12)

SILVER BOW N° 1
4714 (12)

SILVER BOW N° 2
4715 (12)

SILVER BOW N° 3 # 4716 (12)

SILVER BOW N° 4 # 4717 (12)

WASHINGTON N° 1
4718 (12)

LINE SB-4

LINE SB-3

LINE NA-1

LINE NA-2

LINE SB-1

LINE SB-2

LINE LV

LAKEVIEW VEINS

QUARTZITE WITH QTZ. STRINGERS & MIIOR PY

QUARTZITE MINOR PY

QUARTZ DIORITE

PORPHYRITIC FELSITE WITH MINOR PY

MAFIC DYKE

POND

ARGILLITE

SAMPLE 21236
0.1% Pb, 0.1% Zn, 22 oz/t Ag, .001 oz/t Au

SAMPLE 21237
0.1% Pb, 0.1% Zn, .05 oz/t Ag, .001 oz/t Au

SAMPLE 21238
0.3% Pb, .04% Zn, .92 oz/t Ag, .02 oz/t Au

NORTHEAST FORK MAUDE GULCH

EAST FORK MAUDE GULCH

CREEK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,657

0 50 100 200 300
METRES

LEGEND

24, 133, 1.5, 10 = Pb, Zn, Ag, Au (ppm, ppm, ppm, ppb)

VEIN

TECK EXPLORATIONS LIMITED

SKEENA MINING DIVISION - BRITISH COLUMBIA

SILVER BOW GROUP AND SILVER BELL GROUP

RECONNAISSANCE SOIL GEOCHEM MAP

Pb, Zn, Ag, Au

COMPILED: B. LOVANG	DRAWN: WR	DATE: DEC. 1985	NTS: 103 P/13W	FIG. 2